

# GRAIN DEALERS' JOURNAL

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# Directory of the Grain Trade

\*Member Grain Dealers National Association.

## AMARILLO, TEX.

Early Grain & Elev. Co., whol. grain, hay, seed.

## ATCHISON, KANS.

Corn Belt Grain Co., recvrs. and shippers of grain.

## ATLANTA, GA.

Gregg & Son, J., wholesale brokers, grain, hay.\*

## BALTIMORE, MD.

Baltimore Commission Co., grain, commission.  
Blackburn & Co., C. P., grain recvrs., exporters.\*  
Bolgiano & Son, J., dealers in field seeds.  
Clark & Sons, Thos. S., grain receivers.\*  
England & Co., Chas., grain, hay.\*  
Fisher & Co., John T., grain receivers and expts.\*  
Frisch & Co., J. M., grain and hay recvrs.\*  
Hammond, Snyder & Co., receivers, exporters.\*  
Hax & Co., G. A., grain, hay, seeds.\*  
Heser & Son, Gustav, grain, seeds, hay.  
Johnston Co., Ethos., grain receivers.\*  
Jones & Co., H. C., grain and hay.\*  
Kirwan Bros. Grain Co., grain and hay.\*  
Lederer Bros., grain receivers.\*  
Manger & Co., J. A., grain, seeds, hay.\*  
Muller Co., Louis, receivers and exporters.\*  
Pitt Bros. & Co., receivers and exporters.\*  
Robinson & Jackson, grain receivers.\*

## BATTLE CREEK, MICH.

McLane, Swift & Co., grain buyers.\*

## BINGHAMTON, N. Y.

Empire Grain & Elev. Co., grain, feed shippers.

## BOSTON, MASS.

Alpine McLean Co., The, hay and grain.  
Buss Co., H. L., hay and grain commission.  
Creasey, Fred L., hay, grain, millfeed, commission.  
Eddy, Inc., C. F. & G. W., grain and hay.  
Faithfull, S. C., grain and millfeed.  
Heathfield & Son, T. D., hay and grain brokers.  
Pheps Bros., grain, hay, straw.  
Ranlet Co., The D. W., grain and millfeed.  
Ronald, Thos., domestic and export broker.  
Soper & Co., J. E., wheat, corn, oats.  
White & Co., W. A., grain receivers.

## BOURBON, IND.

Delp, Ettinger & Co., grain and mill feeds.

## BOZEMAN, MONT.

Benepe-Berglund Grain Co., Mont. oats and barley.

## BUFFALO, N. Y.

Alder & Stoffer, grain commission.  
Buffalo Cereal Co., grain.\*  
Burns-Yantis Grain Co., grain commission.\*  
Churchill Grain & Seed Co., buyers, shippers.  
Electric Grain Elevator Co., grain buyers.\*  
Gallagher, Wm. B., salvage grain.  
Gisel & Co., Geo. H., grain, millfeed.  
Globe Elevator Co., grain commission.  
Heathfield, W. G., strictly commission.  
Irwin, Dudley M., barley.\*  
Pratt & Co., grain commission.  
Ratcliffe, S. M., grain and hay.  
Rubins & Bruso, grain receivers and shippers.\*  
Townsend-Ward Co., grain commission.  
Waters, Henry & Co., grain commission.  
Wohlers Grain Co., grain, millfeed.

## CAIRO, ILL.

Antrim & Co., H. S., grain and hay.\*  
Halliday Elevator Co., corn, oats.  
Redman, Magee & Co., grain.\*  
Thistlewood & Co., grain and hay.

## CEDAR RAPIDS, IOWA.

White Cereal Co., T. G., wheat wanted.

## CHICAGO, ILL.

Anderson & Co., W. P., grain commission.\*  
Armour Grain Co., grain buyers.\*  
Armstrong, B. S., grain commission.  
Bailey & Co., E. W., grain commission.\*  
Barrell & Co., Finley, grain, stocks, provisions.\*  
Bennett & Co., Jas. E., receivers, shippers.\*  
Bogart, Maltby & Co., commission merchants.\*  
Burns-Yantis Grain Co., receivers, shippers.  
Chicago Grain Co., receivers, shippers.  
Cooke, M. E., grain commission merchant.  
Crighton & Co., grain commission.\*  
Dickinson Co., The, Albert, seeds.  
Dole & Co., J. H., grain and seeds.\*  
Doyle Bros., hay and grain.

## CHICAGO—Continued.

Ervin & Co., W. C., grain buyers and shippers.\*  
Finney, Sam., commission.\*  
Fitch & Co., Walter W. K., Mitchell, Mgr.  
Fraser Co., W. A., grain commission.\*  
Freeman Bros. & Co., grain, hay, straw.  
Gerstenberg & Co., grain, seeds.\*  
Hately Bros., grain and provisions.  
Hooper Grain Co., receivers, shippers.\*  
Hunter, W. W. & O. L., grain and feed.\*  
Lamson Bros. & Co., consignments solicited.\*  
Lynch & McKee Co., grain commission.  
Merchants Grain Co., commission merchants.\*  
Merritt & Co., W. H., grain, seeds.\*  
Paynter, H. M., grain commission.\*  
Peavey Grain Co., receivers, shippers.\*  
Perrine & Co., W. H., grain and commission.  
Pope & Eckhardt Co., grain and seeds.\*  
Pringle & Wing, options, grain and provisions.  
Requa Brothers, grain commission.\*  
Rogers & Bro., H. W., grain and seeds.\*  
Rogers Grain Co., buyers and shippers.  
Rosenbaum Bros., receivers, shippers.\*  
Rumsey & Company, grain commission.\*  
Sawers, A. B., grain commission.\*  
Schiffin & Co., P. H., commission.\*  
Shaffer & Co., J. C., buyers and shippers.\*  
Somers, Jones & Co., grain and field seeds.\*  
Sincere & Co., Chas., N. Y. stocks, Chicago grain.  
Thayer & Co., Clarence H., commission.  
Van Ness, Gardner B., grain commission.\*  
Wagner, E. W., receiver and shipper.\*  
Ware & Leland, grain, seeds.\*  
Wells & Co., T. E., grain commission.\*  
Winans & Co., F. E., grain and seeds.\*  
Wright & Co., John F., grain commission.

## CINCINNATI, O.

Allen & Munson, grain, hay, flour.\*  
Brown & Co., W. L., receivers and shippers.  
Consolidated Grain & Hay Co., grain, hay.  
Early & Daniel Co., grain and hay.\*  
Ellis & Fleming, grain and hay.\*  
Ferguson & Co., August, grain, hay, millfeed.\*  
Gale Bros. Co., grain, hay, feed.\*  
Interstate Grain Co., receivers and shippers.\*  
Union Grain & Hay Co., grain and hay.

## CLEVELAND, O.

Bailey, E. I., grain and millfeed.\*  
Cleveland Grain Co., The, receivers and shippers.\*  
Schmitt, H., grain, hay, straw.\*  
Sheets Bros. Elev. Co., The, grain, hay, straw.  
Star Elev. Co., receivers, grain, hay, straw.  
Strauss & Co., H. M., grain, seeds, hay.\*  
Union Elevator Co., grain, hay, straw.\*

## COLORADO SPRINGS, COLO.

Seldomridge Grain Co., grain dealers.

## COLUMBUS, O.

McAllister & Co., Jas. P., grain and hay.  
Seeds Grain & Hay Co., grain and hay.\*

## CRAWFORDSVILLE, IND.

Crabbs-Reynolds-Taylor Co., grain, seeds.\*

## CUMBERLAND, MD.

Marley & Co., grain and hay distributors.

## DAVENPORT, IOWA.

Rothschild Grain Co., D., grain merchants.\*

## DECATUR, ILL.

Baldwin & Co., H. I., grain dealers.\*

## DENVER, COLO.

Ady & Crowe Mercantile Co., grain, hay.\*  
Ayres Merc. Co., The P. C., grain and hay.  
Best & Co., J. D., grain and hay.  
Cash Commission Co., grain and hay.  
Crescent Mill & Elev. Co., flour and grain.  
Empire Feed & Fuel Co., hay and grain.  
Harrington-Plumer Merc. Co., grain and hay.  
Hungarian M. & E. Co., hay and grain.  
Longmont Farmers Mill & Elev. Co., flour, grain.  
Scott, E. E., broker, grain, cottonseed meal, bags.  
Thompson Merc. Co., W. F., hay and grain.

## DETROIT, MICH.

Dumont, Roberts & Co., receivers, shippers.\*  
Lapham & Co., J. S., recvrs. & shippers of grain.\*

## DULUTH, MINN.

Rich, J. S., dealer in grain, flour, millstuffs.  
Turle & Co., grain commission.

## FAIRBURY, ILL.

Keller, Emil, grain broker and track buyer.

## FORT WORTH, TEX.

Ft. Worth Grain & Elev. Co., receivers, shippers.  
Kolp, E. R. & D. C., grain and seed dealers.  
Smith Bros. Grain Co., buyers, shippers.  
Terminal Grain Co., receivers, shippers.

## GALVESTON, TEX.

Fordtran, J. S., grain commission merchant.  
Jockusch, Davison & Co., grain, hay exporters.  
Wisnrod Grain Co., wholesale grain elev. facilities.

## GREENVILLE, O.

Grubbs Grain Co., E. A., track buyers.\*

## HARRISBURG, PA.

Harrisburg Feed & Grain Co., grain, feed, hay.\*

## HOUSTON, TEX.

South Texas Grain Co., wholesale grain dealers.

## INDIANAPOLIS, IND.

Bassett Grain Co., The, grain and commission.\*  
Brassford & Son, J. M., grain merchants.  
Cooper & Oddy, grain and hay commission.  
Flies-Greathouse Grain Co., grain com's'n merchts.  
Finch & McComb, grain commission.  
Jordan & Montgomery, grain and commission.  
Kinney, H. E., receiver and shipper.\*  
Shottwell, C. A., grain, flour, commission.  
Star Elevator Co., grain and hay commission.

## JACKSON, MICH.

Stockbridge Elevator Co., grain, beans, hay.\*

## JACKSONVILLE, FLA.

Browder & Haym, brokers, grain, hay.

## JERSEY CITY, N. J.

Long Dock Mills & Elev., grain and hay.\*

## KANSAS CITY, MO.

Beach Grain Co., grain receivers.  
Benton Grain Co., screenings and chickenfeed.  
Davis & Co., A. G., grain commission.\*  
Ernst-Davis Grain Co., commission.\*  
Fowler Commission Co., receivers and shippers.  
Goffe & Carkner, recvrs. and shippers of grain.\*  
Hinds & Lint Grain Co., receivers, shippers.\*  
Missouri Grain Co., grain receivers.  
Kemper Grain Co., The, grain.  
Lichtig Grain Co., Henry, receivers, shippers.  
Moore-Lawless Grain Co., grain receivers.  
Moss Grain Co., barley a specialty.  
Peterson-Lathrop Grain Co., commission merchts.\*  
Roahen-Carey Grain Co., grain, flour, millfeed.  
Simonds-Shields Grain Co., grain and seeds.\*  
Smith & Son, J. Sidney, receivers, shippers.\*  
Steele & Co., H. H., grain and seeds.  
Thresher Fuller Grain Co., grain commission.\*  
Tomlin Grain Co., J. R., kaffir corn.  
Vanderslice-Lynds Co., grain commission.

## KENTLAND, IND.

McCray, Morrison & Co., track buyers.\*

## LA FAYETTE, IND.

Helmiller, F. G., grain shipper.

## LEXINGTON, KY.

Frost, David C., grain, seeds and hay.

## LITTLE ROCK, ARK.

Brook-Rauch Mill & Elev. Co., corn and millfeed.  
Gossell, Fred L., recvrs., shippers, grain, hay.

## LOUISVILLE, KY.

Bingham-Hewett Grain Co., recrs. & shippers, grain.\*  
Brands & Son, A., receivers and shippers.\*  
Callahan & Son, electric elev. recvrs. of grain.\*  
Edinger & Co., grain, hay, flour.  
Farmer & Sons, Oscar, hay and grain.  
Thompson & Co., W. A., grain receiver.  
Verhoeff & Co., H., receivers and shippers grain.\*  
Zorn & Co., S., grain.\*



# Directory of the Grain Trade

\*Member Grain Dealers National Association.

## LYNCHBURG, VA.

Peters, McHenry, grain and hay brokers.

## MEMPHIS, TENN.

Brode & Co., F. W., cottonseed meal.  
Clarke, Burkle & Co., grain and hay commission.  
Davis & Andrews Co., grain dealers.\*  
Hesswinkle Co., H. J., grain and hay.\*  
Jones & Rogers, grain dealers.\*  
Linz & Co., P. H., grain, mill & cottonseed prdts.  
McLaughlin Coal & Grain Co., grain and hay.\*  
Mulhern, J. F., public storage elevator.  
Patterson & Co., G. E., receivers and shippers.\*  
Pease & Dwyer Co., receivers and shippers.\*  
Wade & Sons, John, grain and hay commission.\*  
Webb & Maury, grain and hay.\*

## MIDDLEPOINT, O.

Pollock Grain Co., track buyers, grain, hay and straw, ear corn a specialty.

## MILWAUKEE, WIS.

Bell & Co., W. M., grain and seeds.\*  
Bartlett & Son Co., L., grain commission.\*  
Courteney, S. G., field seeds.  
Donahue, P. P., grain, feed, mlg. wheat a spity.  
Fagg & Taylor, grain merchants.\*  
Franke Grain Co., grain and feed.\*  
Gifford, L. W., grain commission.  
Jahns, Jr. Co., H., commission grain, hay, feed.  
Johnstone, A. L., grain commn. Wis. rye specialty.  
Kamm & Co., P. C., barley and rye.\*  
Lauer & Co., J. V., grain commission.  
Lowry & Co., I. H., grain commission.\*  
Lyman Smith Gr. Co., shippers of choice grain.\*  
Wirtz Grain Co., Raymond, shippers.

## MINNEAPOLIS, MINN.

Brown & Co., E. A., commission.  
Cargill Commission Co., grain commission.  
Cargill Elevator Co., field seeds.\*  
Cooper Commission Co., receivers, shippers.  
Dakota Cereal Co., grain, barley & oat specialists.  
Davies & Co., F. M., grain commission.  
Getchell-Tanton Co., grain commission.  
Hankinson & Co., H. L., grain commission.  
McLaughlin & Co., W. S., grain shippers.  
Minnesota Grain Co., grain commission.\*  
McGuire-Atwood Co., grain commission.  
McIntyre-Frerich Co., grain commission.  
Nye, Jenks & Co., grain commission.  
Randall, Gee & Mitchell, grain commission.  
Stair, Christensen & Timmerman, com'n merchts.\*  
Van Dusen-Harrington Co., commission.\*

## MOBILE, ALA.

Bradley & Co., James L., wholesale grain brokers.

## NASHVILLE, TENN.

Hughes Warehouse & Eltr. Co., grain.  
Kendrick-Ross Grain & Eltr. Co., recvrs., shprs.\*  
Miller & Co., grain commission.\*  
Wilkes & Co., J. H., recvrs. & shprs. grain, hay.\*

## NEWARK, N. J.

Smith & Wallace Co., J. C., recvrs., shippers.

## NEW ORLEANS, LA.

Leonhardt & Co., A. F., grain and hay.\*

## NEW YORK CITY.

Bradshaw Co., popcorn and cereals.  
Clearman & Stenson, buyers of cash grain.  
Cushing & Brandt, grain and cottonseed oil.\*  
Forbell & Kipp, grain commission.\*  
Morey Co., L. A., grain brokers.\*  
Morris & Co., Chas. B., grain, feed, hay.  
Keusch, Otto, off grade grain, grain broker.\*  
Ramey, Charles C., grain, hay, feed.\*  
Reinhardt & Co., Geo. N., grain and hay.

## NORFOLK, VA.

Powers, L. W., wholesale broker, grain, hay, feed.

## OKLAHOMA CITY, OKLA.

Kolp, E. B. & D. C., grain and seed dealers.

## OMAHA, NEB.

Beal-Vincent Grain Co., receivers, shippers.  
Cavers Elevator Co., receivers and shippers.\*  
Chambers, W. H., grain broker.\*  
Conrad, J. H., grain, established 1884.  
Crowell Lumber & Grn. Co., recvrs., shippers.  
Huntley, E. E., grain commission.  
Lyons & Son, Geo. H., grain brokers.  
Nordstrom Grain Co., E. A., gen. grain dealers.  
Nebraska-Iowa Grain Co., receivers & shippers.\*  
Niswonger, C. E., grain broker.\*  
Nye-Schneider-Fowler Co., receivers, shippers.  
Omaha Elevator Co., receivers and shippers.\*  
Roberts Grain Co., grain commission.  
Thompson Grain Co., grain dealers.  
Trans Mississippi Grain Co., recvrs. & shprs.\*  
Union Grain & Elevator Co., receivers, shippers.  
Updike Grain Co., grain dealers.\*  
Weekes Grain & L. S. Co., commission merchants.  
Welsh-Paddock Co., grain merchants.

## OWENSBORO, KY.

Owensboro Grain Co., receivers and shippers.

## PENSACOLA, FLA.

Bonacker Bros., brokers, grain, hay and millfeed.

## PEORIA, ILL.

Miles, P. B. & C. C., grain commission.\*  
Mosiman Grain Co., grain receivers.\*  
Tyng, Hall & Co., grain commission.\*

## PHILADELPHIA, PA.

Baringer, M. F., grain and millfeed.\*  
Buckley & Co., J. M., receivers and shippers.\*  
Clevenger, S. J., buyer and commission.  
Delp, Ettinger & Co., grain and mill feeds.\*  
Dunwoody Co., Ezl., flour, grain, feed.\*  
Edenborn, Harry M., grain broker.  
Fraser, C. O., grain broker.  
Kilpatrick & John A., grain, hay, straw.  
Miller & Sons, L. F., grain, seeds, hay.\*  
Pultz & Co., J. B., grain and feed.  
Rosenkrans-Snyder Co., grain and mill feeds.\*  
Richardson Bros., grain, flour, millfeeds.\*  
Rogers & Co., E. L., grain, hay.\*  
Stites, A. Judson, grain and millfeed.  
Walton Bros., grain and feed.\*

## PIOUA, OHIO.

Kress, Harry W., track buyer grain, hay, straw.\*

## PITTSBURG, PA.

Clark Grain & Hay Co., grain and hay.  
Elwood & Co., R. D., hay and grain.  
Foster, C. A., grain, hay, feed.\*  
Geddel & Dickson, grain and hay.  
Herb Bros. & Martin, grain, hay, feed.  
McCaTrey's Sons Co., Daniel, grain, hay.\*  
McCague, R. S., grain, hay.\*  
Morton Grain & Hay Co., grain, hay, feed.  
Smith & Co., J. W., grain, hay, feed.  
Walton, Sam'l., grain and hay.

## PORTLAND, ME.

Merrill, Edward P., grain broker.

## RENSSELAER, IND.

Babcock & Hopkins, grain shippers.

## RICHMOND, VA.

Beveridge & Co., S. T., grain, hay, seeds.\*  
Fairbank & Co., S. G., grain, hay, seeds.

## SAGINAW, MICH.

Carri Co., The H. W., shprs. oats, rye, hay.

## SAVANNAH, GA.

Browder & Haym, brokers, grain, hay.

## SIOUX CITY, IOWA.

Ballard Co., F. C., receivers, shippers, options.  
Central Grain Co., grain merchants.  
Fields & Slaughter Co., grain, hay, feed.  
Interstate Grain Co., buyers and shippers.  
Shepherdson Co., M. T., grain dealers.\*

## ST. JOSEPH, MO.

Elwood Grain Co., grain merchants.  
Gordon, T. P., grain dealer and broker.\*

## ST. LOUIS, MO.

Botto Gr. Co., Jno. V., receivers, shippers.  
Byrne & Co., Daniel P., grain, hay, seeds.\*  
Connor Bros. Co., grain.\*  
Fresch Grain Co., Chas. M., comen. futures.  
Goffe & Carkener Co., grain commission.\*  
Green Com. Co., W. L., grain.\*  
Mullally Com. Co., John, grain, hay, seeds.\*  
Nanson Commission Co., grain commission.\*  
Orthwein Grain Co., Wm. D., grain.  
Plicker & Beardsley, grain and grass seed.\*  
Slack-Fuller Grain Co., grain commission.\*

## SPRINGFIELD, ILL.

Brauner, James L., grain buyer and shipper.

## TERRE HAUTE, IND.

Bartlett, Kuhn & Co., receivers and shippers.\*

## TOLEDO, O.

Coon Grain Co., The, J. J., grain and seeds.\*  
DeVore & Co., H. W., grain and seeds.  
Goemann Grain Co., grain buyers.\*  
King & Co., C. A., grain, clover seed.\*  
McCabe Grain Co., grain and seeds.  
Morehouse & Co., W. H., grain and seeds.  
National Milling Co., cash buyers wheat.\*  
Rundell & Co., W. A., grain, seeds.\*  
Southworth & Co., grain commission.\*  
The Toledo Field Seed Co., clover, timothy.  
The Toledo Salvage Co., salvage grain.  
Wickenheiser & Co., John, grain, millfeed.\*  
Zahn & Co., J. F., grain, seeds.\*

## TOPEKA, KANS.

Gall, J. E., strictly commission business.  
Jolley & Blanchard, grain merchants.

## TORONTO, ONT.

Steele, Briggs Seeds Co., Ltd., field seeds.

## VERNON, TEX.

Texas-Oklahoma Grain Co., grain, seeds, hay.

## WICHITA, KANS.

Empire Grain Co., wholesale grain.  
Heenan & Co., David, grain commission.  
Kolp, E. B. & D. C., grain and seed dealers.  
Norris Grain Company, commission, recvrs., shprs.  
Probst & Sons, Herman F., grain com. merchants.  
Robb, J. C., milling wheat and consignments.\*  
Tri-State Grain Co., country run mlg. wheat.\*  
Western Grain Co., The, wholesale grain, seeds.  
Williamson Grain Co., J. R., O. D. Hollis, mgr.

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 AND EXPORTERS**

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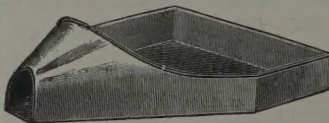
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We want your business and we are going to work  
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Give us a trial shipment.

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SEVENTH EDITION.

REVISED AND ENLARGED

With these tables you can quickly check up all reductions and detect and prevent errors,  
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Largest and most complete car load reduction table ever published. Five new tables have  
been added and a set of tables for Malt is included in this new edition. **RANGE**—Oats and Corton  
Seed (32 lbs.), 7 tables, from 20,000 to 97,000 lbs. Malt (34 lbs.), 5 tables, from 20,000 to 75,000 lbs.  
Barley, Buckwheat and Hungarian Grass Seed (45 lbs.), 7 tables, from 20,000 to 97,000 lbs. Corn,  
Rye and Flax Seed (56 lbs.), 9 tables from 20,000 to 118,000 lbs. Wheat, Clover, Peas and Potatoes  
(60 lbs.), 9 tables, from 20,000 to 118,000 lbs. The number of bushels in any weight of grain within  
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Pounds are printed in red and bushels in black.

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255 La Salle Street,

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Across top of left hand page is printed "Shipments To....." the column headings on this page are: Date Shipped; No.; Car Initial; Car No.; Kind of Grain; Grade; Bushels or Weight; Price; Am't of Dralt; Remarks. The right hand page is ruled with column headings as follows: Date Returned; No. Bushels Returned; Grade; Date Sold; Price; Freight Paid; Other Charges; Total Charges; Over Charges; Net Proceeds; Balance. Above the date column on each page are the figures "190..". In the column headed "No." on each page is a column of figures running consecutively from 1 to 50, thus numbering the lines on each page for quickly following record across the double pages.

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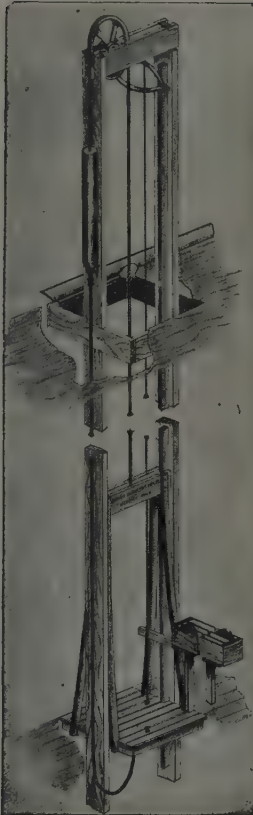
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Both President Taft and Ex-President Roosevelt purchased Victor-Victrolas for entertainments in the White House.

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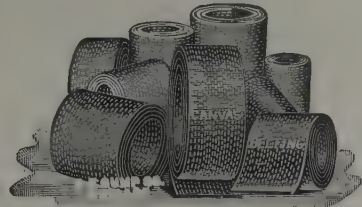
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700 feet	5 inch	4 ply	per foot	10c
160	5	6	"	15c
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720	12	4	"	24c
300	16	4	"	32c
240	20	6	"	61c
180	24	4	"	48c
190	24	6	"	73c
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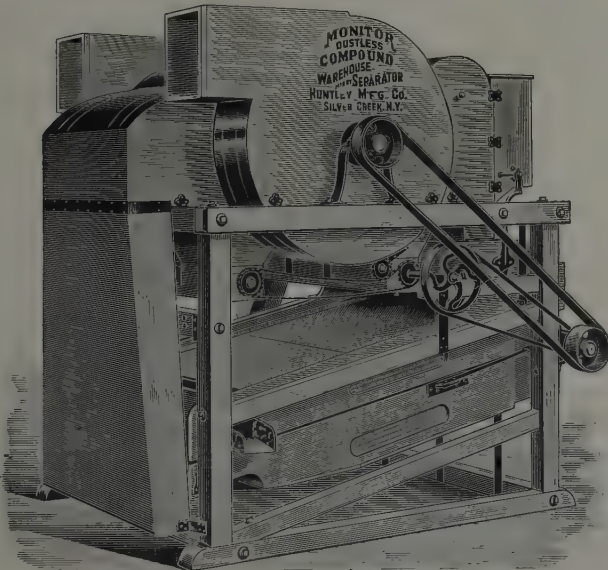
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EASE OF REGULATION  
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THAT  
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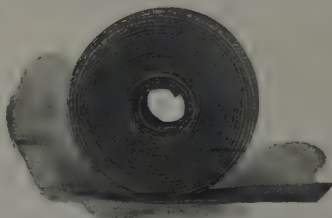
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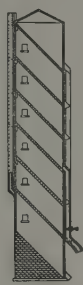
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It costs less.  
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It keeps the grain absolutely free from  
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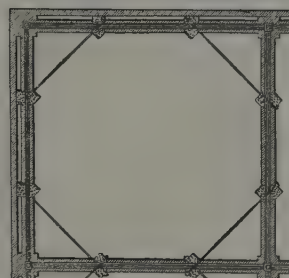
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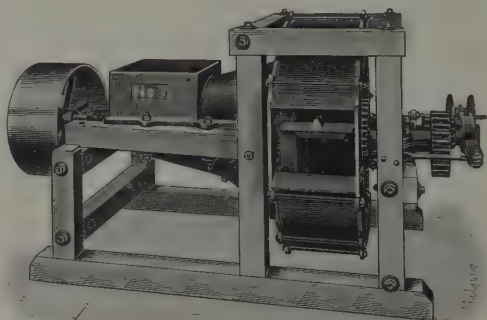
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## The Improved U. S. Corn Sheller Is Now Ready



Second Patent Pending.

It is mounted on a well braced wood frame, separate fan with interchangeable cups, run at reduced speed, which delivers the corn and cobs from the sheller without force or dust annoyance. These are only part of the advantages. Write and we will tell you all about it.

**B. S. CONSTANT CO.**  
Bloomington, Ill.

## Grain Receiving Ledger

A book designed for use by Grain Buyers who keep individual accounts with farmer patrons. Is ruled for facts regarding wagon loads received. Its column headings being: Date, Article, Gross, Tare, Net, Bushels and Pounds, Price, Debit, Credit and Remarks.

Each of its 204 pages of linen ledger paper, size, 8x13 1/2 inches, is ruled for 42 wagon loads and numbered. Each page may be used for one or more accounts as desired. A marginal index is bound in front. Bound in cloth with leather back and corners. Order Form 43.

PRICE, \$2.25

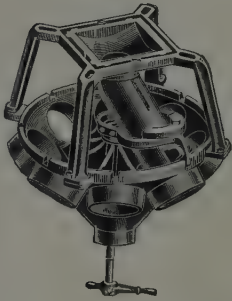
**GRAIN DEALERS JOURNAL**  
255 La Salle St., Chicago, Ill.

## Consign Your LIVE STOCK to Benedict, Murray & McDowell

**U. S. Yards, CHICAGO**

OUR pens are located in the center of the Yards. A member of the firm is always at the head of both the cattle and hog departments. Our financial standing is unquestioned. We will be pleased to furnish market reports by wire or letter.





## HALL SPECIAL ELEVATOR LEG

is a machine. Each element and every part is mechanically and symmetrically proportioned for harmonious and perfect operation. It possesses no innovations and presents no experiments.

It is a well known operating mechanism made perfect by skillful designing and proportioning, with the best devices known.

It elevates two bushels of grain where one was elevated before. It gives this positive advantage to any one who uses an elevator leg.

It gives him the profit. He reaps the benefit, and risks nothing.

It costs less to install, less to operate, less to maintain, and requires less attention.

It presents the most desirable of all combinations (often hard to attain), viz the "cheapest and the best."

There can be no possible competition with such a combination. It challenges the world.

To inspire confidences in these assurances (and for introductory purposes) every one of them is guaranteed, by test after installation before acceptance, in any elevator, large or small.

### This is What it is and What it Does

It includes a Hall Non-chokable Boot, preventing chokes, stoppages, and mixing grain in pit.

It includes "Omaha" Buckets of the greatest capacity, with most perfect discharge of any bucket ever made.

It includes a Shaft Ratchet preventing head shaft from reversing when a belt slips or breaks or power is off.

It includes the famous Hall Signaling Non-mixing Distributor, that permits filling every bin chock full, without spilling or mixing grain, by automatic action.

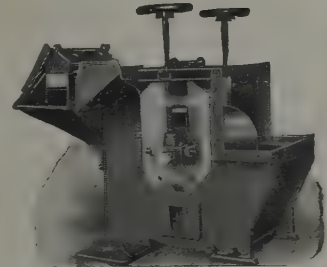
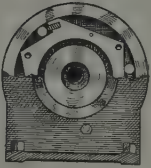
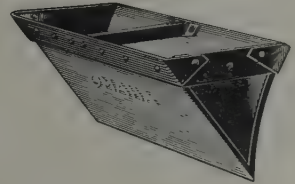
Above all, and most important, it designates the exact sizes of pulley and belt, the exact shape of cups, spacing and speed, for each leg specified, making a perfectly harmonious operating whole, of unrivalled excellence.

These great results unapproached elsewhere are absolutely guaranteed in the elevators where installed.

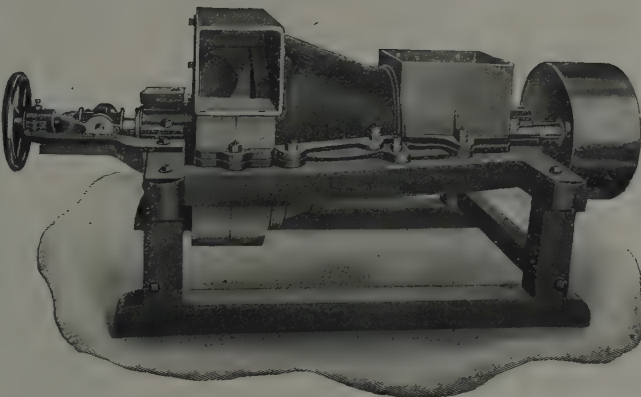
Engineers are especially invited to investigate its merits.

### Hall Distributor Co.

222 Ramey Building, Omaha, Nebr.



## CORN SHELLERS SENT ON TRIAL



¶ WE believe the manufacturer should be willing to demonstrate his machines.

¶ We believe the satisfied buyer is our best asset.

¶ We believe we can prove our claims.

¶ Therefore, in offering our corn shellers to the trade we are willing to guarantee them to the buyers entire satisfaction, or send them on trial.

¶ Here are some reasons why:—

### THE OHIO FAN DISCHARGE CORN SHELLER IS THE BEST

Each casting is separate—less expense to repair.  
All parts are made heavy—compare our weights with others.  
Screw feed knockers, right or left to suit location.  
No expensive hopping—sets on level with boot—avoids a pit or tank.

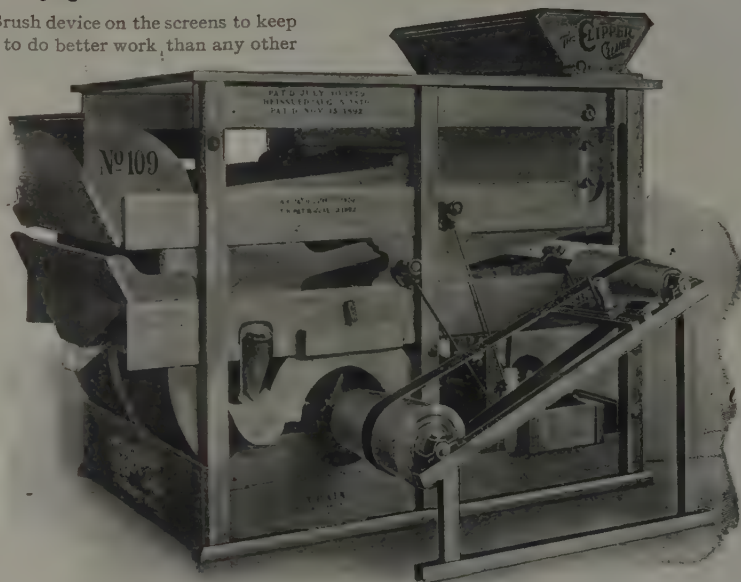
Write for further particulars to

The Philip Smith Mfg. Co., Sidney, Ohio

# The No. 109 Clipper Seed and Grain Cleaner

Shown here has our perfect Traveling Brush device on the screens to keep them from clogging, which enables it to do better work than any other cleaner. It also has our Special Air Controller, which an experienced man will see at a glance is a perfect device for regulating the Air Blast. It has three full length screens and one-half length scalper screen which makes it very desirable for handling dirty or chaffy seed, grain or corn. The excellent results obtained on this machine and the small amount of power required by it will surprise you if you have not operated one of our Cleaners.

We guarantee it to give perfect satisfaction on clover or timothy seed or any kind of grain and it can be operated with one-fourth the expense for power of any suction cleaner on the market. If you are looking for a first-class, up-to-date cleaner of good capacity, we would be glad to send you catalog and give prices and particulars upon request.



**A. T. FERRELL & CO., SAGINAW, W. S., MICHIGAN.**

## SET OF BOOKS FOR GRAIN DEALERS

COMPLETE FOR \$3.50.

### A GRAIN RECEIVING BOOK (No. 12 AA).

**Grain Register** is invaluable to the country grain man and is designed to facilitate the work of keeping a record of weights and number of bushels in wagon loads of grain received.

Each page is 8½x14 inches, and at top of the 11 columns are printed Date, Name, Kind of Grain, Gross, Tare, Net, Bushels, Pounds, Price, Amount and Remarks.

Each page has spaces for 40 wagon loads and each book has 100 pages, making each book contain spaces for records of 4,000 loads. The book is well printed and ruled on sterling ledger paper, and substantially bound in full heavy canvas covers.

### A GRAIN SHIPPING BOOK (No. 14 AA).

**Sales, Shipments and Returns** is invaluable to the country grain man in keeping record of his sales, shipments and returns from the shipments made. Its use will save much time and book work. The pages are 10½x16½ inches, used double. The left-hand pages are ruled for information regarding **Sales and Shipments**; the right-hand pages for **Returns**. Under **Sales** the column headings are Date, Amount Sold, Price, Grain, Terms. Under **Shipments** are Date, Car Number and Initial, Our Weight in Bushels, Grade, Route, Rate. Under **Returns** are Destination, Grade, Difference, Bushels, Over, Short, Gross Proceeds, Freight, Over, Short, Commissions, Other Charges, Total Charges, Net Proceeds, Drafts, Remarks.

It contains 76 double pages, with room for records of over 2,200 cars. It is well bound in heavy canvas covers with leather corners, and printed on linen ledger paper.

## GRAIN DEALERS JOURNAL

255 La Salle St., Chicago, Ill.

## Wagon Loads Received

A book for the use of country grain buyers in keeping a record of grain received from farmers.

Its column headings are: Month, Day, Name, Kind, Gross and Tare, Net Pounds, Bushels, Pounds, Price, Dollars, Cents and Remarks.

The book is 9½x12 inches, 160 pages, 20 lines to each page, giving room for recording 3,200 loads, printed on Linen Ledger Paper and is well bound in strong board covers with leather back and corners. Order Form 380. **Price, \$1.50**

## GRAIN DEALERS JOURNAL

255 La Salle Street, CHICAGO, ILL.

## Record of Cars Shipped

Is a book designed especially for country shippers in keeping a complete record of each car of grain shipped.

It is ruled to meet the needs of the grain dealer's business. The column headings are: Date Sold, Date Shipped, Car No., Initials, To Whom Sold, Destination, Grain, Grade Sold, Their Inspection, Discount, Amount Freight, Our Weight, Bushels, Destination Bushels, Over, Short, Price, Amount, Freight, Other Charges, Remarks.

The book is 9½x12 inches, and contains 160 pages of linen ledger paper, 29 lines to each page, and has spaces for recording the foregoing facts regarding 2,230 carloads. It is well bound in strong boards with leather back and corners.

Order Form 385. **PRICE, \$1.50.**

## GRAIN DEALERS JOURNAL

255 La Salle Street, CHICAGO, ILL.



## NEW MARSEILLES DUSTLESS CYLINDER CORN SHELLERS

Made in Several Sizes, Both Stationary and Portable Styles

WE MAKE Hand and Power Corn Shellers, Horse Powers, Feed Grinders, Portable Elevators and Wagon Dumps, Pump Jacks, Grain Elevator Machinery and Supplies.

### Speaks for Itself:

Gainesville, Texas; May 12, 1908.  
Marseilles Mfg. Co., Marseilles, Ill.  
Gentlemen: We purchased the first Shuck Corn Sheller you ever made, some eighteen or twenty years ago. Since then we have bought 12 or 15 of them, representing every improvement, and expect to buy several more this season. We have bought one or more of about every other make and think we are competent judges of such machinery. Your Shellers husk and shell the corn off the cob more thoroughly; save it more completely; clean both the shelled corn and the cobs more perfectly; require less power in proportion to capacity; are more durably constructed and cost less, loss of time and cost of repairs considered, than any sheller we have ever used. We have thrown out every other kind of Corn Sheller we ever bought and have replaced them with yours.  
KEEL & SON.  
By J. Z. Keel.

MARSEILLES MFG. CO. Marseilles, Ill.

Branch Houses and General Agencies at Principal Distributing Cities.



### POSITIVELY GUARANTEED

to shell either chucked or unshucked corn faster with less power in proportion to capacity; take the corn off the cobs cleaner; clean both cobs and corn more perfectly; do less crushing or grinding of corn or cobs and save a larger per cent of the corn than any other cylinder sheller on the market.

Send for Catalog

## Vest Pocket Grain Tables

Clark's Vest Pocket Grain Tables reduce pounds to bushels on any number of pounds from 10 to 100,000.

It is printed in two colors, red and black. The red figures show the pounds and the black the bushels and pounds.

The tables show the following reductions:  
Oats at 32 lbs.; Corn, Rye and Flaxseed at 56 lbs.; Wheat, Clover Seed, Beans, Peas and Potatoes at 60 lbs.; Barley and Hungarian Seed at 48 lbs.; Ear Corn at 70 lbs.; Ear Corn at 75 lbs.; Ear Corn at 80 lbs.; Timothy Seed at 45 lbs.

These tables are bound in tough paper and form a thin book, 2 3/4-in. wide by 8 3/4-in. long. Price 50 Cents. Address

GRAIN DEALERS COMPANY

255 LaSalle St., CHICAGO, ILL.

## ELEVATOR EQUIPMENT

We manufacture a complete line of elevator equipment including Wagon Dumps, Power Shovels, Corn Shellers and Cleaners, Buhr Stone and Roller Feed and Meal Mills, Meal Bolters, Packers, Car Pullers, Passenger Elevators, Grain Handling Appliances, Belting and Power Connections of all kinds, Mill and Elevator Supplies.

WRITE FOR PRICES.

**NORDYKE & MARMON CO.**

America's Leading Mill Builders

Est. 1851.

INDIANAPOLIS, IND.

## "EUREKA" GRAIN DRYERS



remove any desired percentage of moisture from the grain, conditioning it for shipping or storage with perfect safety.

Every kernel is uniformly conditioned without checking.

Drying process automatic and continuous.

Can be used as conditioner with cold air only.

Absolute satisfaction guaranteed.

Built in capacities from 10 bushels to 1000 bushels per hour.

SOLE MANUFACTURERS

**THE S. HOWES CO.**

Originators of the Highest Grade of Grain Cleaning Machinery.

"EUREKA WORKS:"

SILVER CREEK, N. Y.

### REPRESENTATIVES:

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J. Q. SMYTHE, 1513 FLETCHER AVE.,

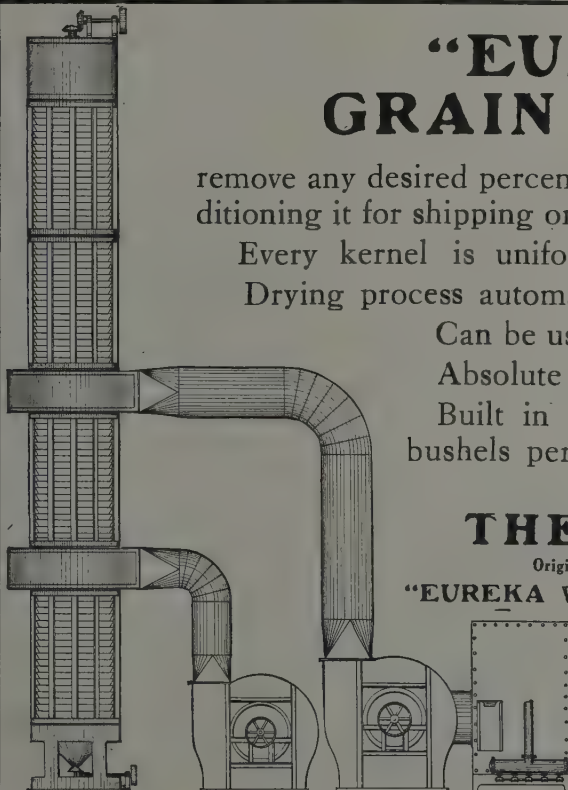
INDIANAPOLIS, IND.

E. R. WATSON, 223 E. KENTUCKY ST.,

LOUISVILLE, KY.

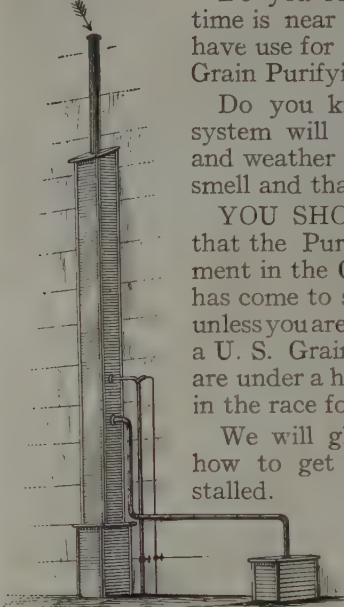
WM. WATSON, GREEN'S HOTEL,

PHILADELPHIA, PA.



**MR. ELEVATOR OWNER!**

PURIFIER STACK



Do you realize that the time is near when you will have use for an up-to-date Grain Purifying System?

Do you know that our system will remove water and weather stains, ground smell and that musty odor?

YOU SHOULD KNOW that the Purifying Department in the Grain Business has come to stay, and that unless you are equipped with a U. S. Grain Purifier you are under a heavy handicap in the race for profits.

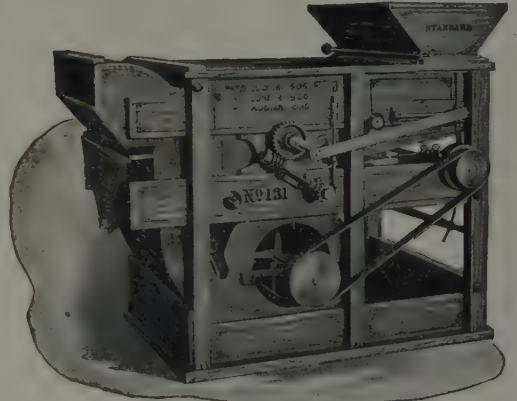
We will gladly tell you how to get a System installed.

Write  
at  
Once

**U.S. Grain Purifier Company**

EARL PARK, IND.

IN the July 25 issue of the Journal we called your attention to the Blast Regulator of our machine. **NOW THE BRUSHES.** There are separate brushing devices for the Standard Cleaners which may be placed under each screen. All adjustments may be made while the machine is in motion. The brushes set solidly against the screens, and keep them working to full capacity by insuring clean screens. The brush travels **lengthwise of each screen**, whereas in most cleaners it moves crosswise and destroys the meshes.



There are other unexcelled points about this machine which we will tell you about if you will write us. For any kind of a cleaning machine write the

**International Mfg. Co.**

CRESTLINE

OHIO

**Shippers' Record Book No. 20**

is designed to facilitate the book-keeping of grain shippers and to minimize the labor of keeping a complete record of each car shipped. The book is 9½x12 inches and contains 100 double pages of superior paper. It is well bound, ruled in two colors, and the column headings clearly printed. Spaces are provided for records of 2900 car loads.

At top of left hand page, in bold-faced type, are the words, "IN ACCOUNT WITH" and at top of facing page, is dotted line for name of firm to whom grain is sold. It is intended that records of shipments to each firm shall be kept separate. The column headings on the facing pages are: Date of Sale, Date of Shipment, Car No., Initials, Amount Sold, Kind of Grain, Weight, Price, Draft, Remarks, Date Returned, Weight Returned, Overdrawn, Net Proceeds, and Balance. Wide columns are provided for recording these facts under the respective heads.

Price \$1.75. Address,

GRAIN DEALERS JOURNAL, 255 La Salle Street, Chicago, Ill.

**Grain Buyers Weight and Copy Book No. 66**

Is designed for agents of line companies, to use in keeping record of each day's purchases. Sending carbon copy to home office and retaining original. It saves labor and time and prevents errors in copying.

This book is 12x12, contains 225 pages and has room to record 7,425 loads in duplicate. Each page has duplicate printing for column heads of Gross, Tare and Net weights and the page is perforated down the middle from top to bottom, so that half of it folds back on the inside half, bringing the duplicate printing on half of the page over the printing on the under half, so that when a carbon paper is inserted between the leaves formed by folding back the page, an exact duplicate is made of the original entry.

A sheet of pressboard 6x12 inches is furnished with each book. It is placed between the pages and makes a good writing surface. Three sheets of carbon paper are furnished with each book.

The book is well bound in heavy board covers. Price, \$2.00.

GRAIN DEALERS JOURNAL  
255 La Salle St., CHICAGO, ILL.

**WUD U SELL OUT?**

Then read the advertisements in the "Elevators Wanted" column of the Grain Dealers Journal, or better still, advertise your property in the "Elevators For Sale" columns of the Grain Dealers Journal, and get your own price for it. Ads in this column cost only 15 cents per line, yet bring quick returns.

**Grain Dealers Journal, 255 La Salle St., Chicago**

**Drive**

Your business. Hitch up with an ad. in the Grain Dealers Journal. You will then have a pleasant and profitable ride.

**MILWAUKEE BAGS.**

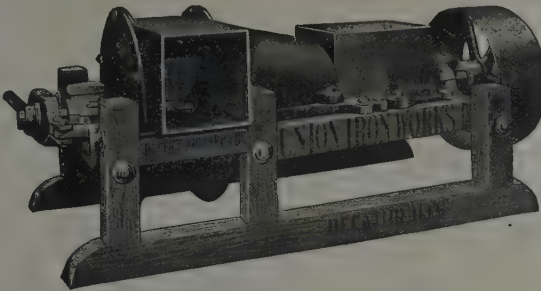
for grain, feed, flour or any other kind of produce.  
New and second hand. Twine for sewing and tying.

**MILWAUKEE BAG COMPANY, Milwaukee, Wis.**



# SHELLERS

Must be run overtime if the 1909 corn crop is properly handled. You know it is not economy to start handling an enormous crop with a poorly constructed or a worn out sheller, as it will be sure to break down when you have contracts to fill, cars to load and men waiting to do the work.



"Western" Pitless Warehouse Sheller

Although orders are coming in rapidly for "Western" Shellers and Cleaners we can care for a few more for prompt shipment. Do not postpone ordering until every other elevator man orders one by wire as you may suffer disappointment. Take time by the forelock and make sure that you are fully prepared to handle the crop advantageously before it begins to move.

Write for our new Catalog No. 26 showing everything needed in a first-class elevator.

**UNION IRON WORKS**

**Decatur, Illinois**

## Curtis Steam Turbines

*solve the lighting problem  
of steam driven factories*



This 35 kw. Curtis Turbine Generating Set is installed practically on the concrete floor of the turbine room. Four bolts imbedded in concrete hold the set in place. Even on this light foundation the set runs absolutely without vibration.

These electric generating sets offer at once a reliable, economical and convenient means of producing electricity for lighting when it cannot be purchased from an electric lighting company in the vicinity.

*Any boiler in the factory may be used to supply steam to the turbine.*

*Any corner in the engine room affords a place where the turbine will be at once convenient and out of the way.*

Essential parts for maintaining steam economy do not wear with use.

Curtis Steam Turbine Generating Sets are made in sizes suitable for every use. The smallest will furnish current for 100 incandescent lamps. The largest will fill any commercial requirement.

**General Electric Company**

Principal Office, Schenectady, N. Y.

2008A

New York Office, 30 Church St. Chicago Office, Monadnock Bldg.  
Sales Offices in all Large Cities.

## The Grain Dealer

has no fear of immature corn, wet harvests or late planting if he has a

## Hess Grain Drier

for he knows that **Hess Dried Corn**, dried with warm air and cooled with fresh air is best for shipping, best for milling, and best for storing. Equip your elevator **now** with a **HESS DRIER** and be ready for business. You will then not only be insured against loss but enabled to make a profit on out of conditioned grain which your competitor, having no drier, cannot handle.

**BOOKLETS FREE.**

**Hess Warming and Ventilating Co.,**

907 TACOMA BUILDING,

**CHICAGO.**

**Radial Car-Puller Sheaves**

Better order one to-day and switch your cars easily at your own convenience.

Guaranteed to do the work up to their capacity. Tested by five years hard usage. Write for testimonials.

Diameter of Sheaves	Capacity	Price
16-inch	10 to 25 carloads	\$45.00
12-inch	3 to 12 carloads	\$30.00

**FRED FRIEDLINE**

511 Traders Bldg.

CHICAGO, ILL.

**A PARTNER**

**HELP or a POSITION,**

can be obtained quickly by placing an ad. in the "Wanted" columns of the Grain Dealers Journal of Chicago. It is the grain-trade's accepted medium for "wanted" and "for sale" ads.

**Your Profits**

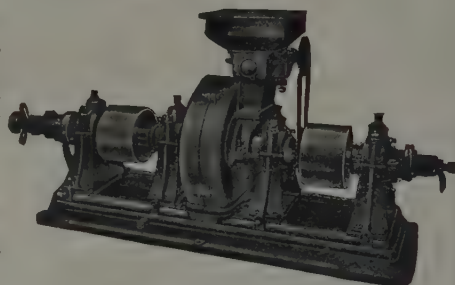
at the end of the year are shown by the amount of cash you have. You will find the feed grinding end of your business very profitable if you have a

**Monarch Feed Mill**

Let us prove it to you by sending you one on trial. **WRITE US**

**SPROUT, WALDRON & CO**

P. O. 260, MUNCY, PA.

**WILLFORD**

**Light Running Three-Roller Mills**

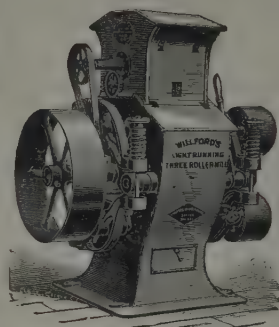
**ARE THE BEST  
FEED MILLS FOR ELEVATORS**

because they take the least power,  
are strong, simple and durable.

*Write for Circulars and Prices.*

**WILLFORD MANUFACTURING CO.**

303 So. 3rd Street Minneapolis, Minn.

**FEED MILLS**

We make them for all purposes.

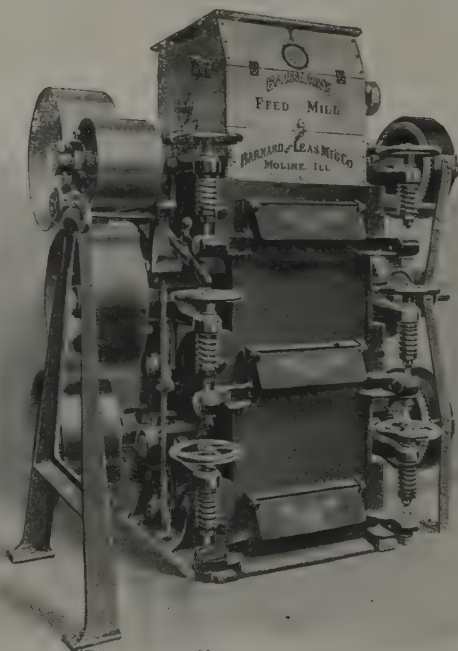
We make them for grinding all kinds of feed as well as fine meal for table use.

Our line includes Willford's Light Running Three Roller Mill and Barnard's One, Two and Three Pair High Mills.

It pays to operate a grinding mill in connection with your other outfit. You utilize your spare power and add another source of income to your plant.

Get our prices on complete machinery equipment for Grain Elevators, Malt Houses, Cereal, Corn, Feed, Flour and Cement Mills, Packers, Cleaners, Corn Shellers, Scourers, etc.

Grain Dryers of all capacities, made to do this work right with least power under guarantee.



Write us to-day when you will be in the market and what you will need.

**Barnard & Leas Mfg. Co.,** **MOLINE, ILLINOIS**



## AVERY AUTOMATIC SHIPPING SCALES

USE THE SCALE recognized by the

Railroads and Grain Terminals



"On Nov. 27th we filed a claim with the R. R. Co. for \$15.92 being loss of 27 bushels of corn from car shipped from Stronghurst to Chicago, this corn being weighed by **Avery Automatic Scale**. There was NO RECORD of the car leaking, when it arrived at Chicago, but we received payment for the claim on Dec. 15th. Stronghurst, Ill., W. H. Perrine & Co., Dec. 21, 1908."

### Avery Scale Co.

North Milwaukee

Wisconsin

#### BRANCHES

New York  
Chicago  
St. Louis

Boston, Mass.  
Chambersburg, Pa.  
Des Moines, Ia.

Indianapolis, Ind.  
Kansas City, Mo.  
Minneapolis, Minn.

## Are You Insured

against leaky cars or theft in transit? If not, let us write you an ironclad policy and insure you payment for every bushel shipped.



Our insurance involves your using a **RICHARDSON AUTOMATIC SCALE** to weigh your grain, thus giving you a positive and accurate record of all grain leaving the elevator. From this you can collect for leakage or theft.

You need this for this crop—don't delay—let us write up the agreement at once.

### RICHARDSON SCALE CO.

6 Park Row, New York, N. Y.

122 Monroe St.  
Chicago, Ill.

413 Third St. South,  
Minneapolis, Minn.

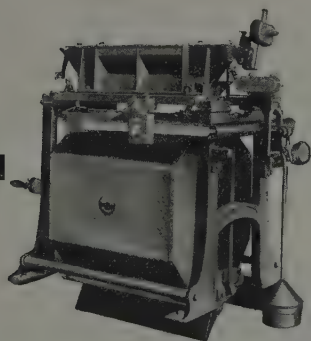
## Fairbanks Automatic Scales

put your mill or elevator on a modern business basis. No more losses through carelessness or inaccurate weighing. Faster, more convenient and above all more accurate than any other automatic grain scale ever invented.

Write us today for new automatic scale catalog No. 550 AW.

### Fairbanks, Morse & Co.

Chicago, Ill.

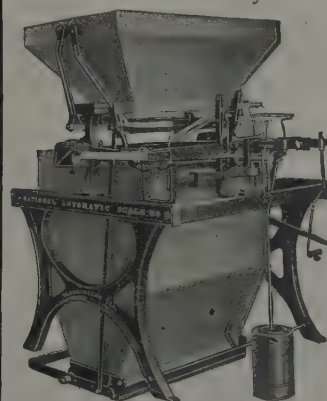


## The NATIONAL

Is the Automatic Scale you have been looking for. A scale that will cause you no worry and one that

you can swear by. A scale that will accurately weigh your grain while you do something else.

**TO OPERATE:** Turn on the grain and "let'er go." It is a scale and should be balanced occasionally. Your grain may not be in No. 1 condition and you may elevate very irregular, but you can't fool the **NATIONAL**.



The simplicity of the **NATIONAL**, together with our long experience in the manufacture of automatic scales, enables us to offer this high-class machine at a surprisingly low figure. It is sold on approval. Address

## The NATIONAL Automatic Scale Co.,

215 E. Douglas St. Bloomington, Ill.

## GAS ENGINE BOOKS

Operators of gasoline engines who encounter difficulties in the care or operation of gas and gasoline engines will find each of the following books of great assistance.

THE PRACTICAL GAS ENGINE, by E. W. Longmeyer, M. D., Price, \$1.00.

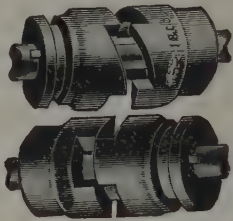
THE GAS AND GASOLINE ENGINE, by Norman & Hubbard, Price, \$1.00.

THE GAS ENGINE HANDBOOK, by E. W. Roberts, Price, \$1.50.

GAS ENGINE TROUBLES AND REMEDIES, by Albert Spritmaster, Price, \$1.00.

PLAIN GAS ENGINE SENSE, by E. L. Osborne, Price, 50 cents.

For any of the above address, GRAIN DEALERS JOURNAL, 256 La Salle St., Chicago



### JAW CLUTCH COUPLINGS

Will save use of power by cutting off idle machinery. Special Cut Price Now.

**GRAIN DEALERS SUPPLY CO.**

Elevator Machinery

305 South 3rd St., Minneapolis, Minn.

Branch Office: 219 Grain Exchange,  
Sioux City, Iowa



### BUFFALO GRAIN TESTER WITH HOPPER FOR FILLING CUP INSURES ABSOLUTE ACCURACY

**BUFFALO SCALE CO.**  
CHICAGO - BUFFALO - NEW YORK

### Any Weight

of grain up to 100,000 pounds is reduced to bushels by Clark's Decimal Grain Values, which also shows the value of any number of pounds in dollars and cents. Price \$5.00

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255 La Salle Street

CHICAGO - ILLINOIS

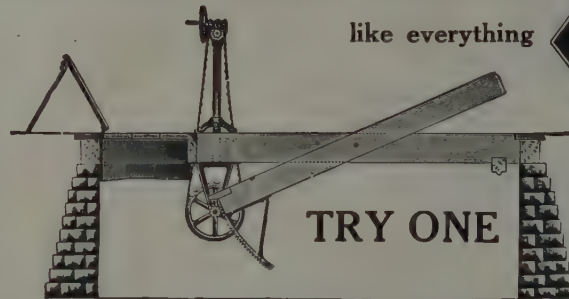
### THE BURRELL CONTROLLABLE DUMP

like everything



IS  
O.K.

Write  
for  
Particulars

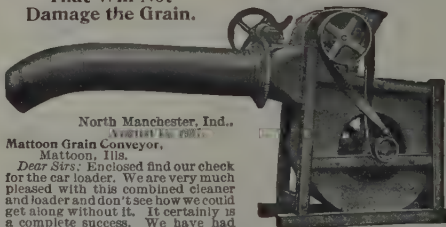


TRY ONE

BURRELL MFG. CO., 253 So. Jefferson Street, CHICAGO

The ONLY Car Loader  
That Will Not  
Damage the Grain.

### COMBINED Grain Cleaner and Pneumatic CAR LOADER



North Manchester, Ind.,  
Mattoon Grain Conveyor Co.

Dear Sirs: Enclosed find our check for the car loader. We are very much pleased with this combined cleaner and loader and don't see how we could get along without it. It certainly is a complete success. We have had experience enough with many different makes of loaders to know that it is difficult to get a loader that will load cars perfectly and that too without breaking or grinding the grain, but this will load a car perfectly without damaging the grain, and on the contrary materially improves it by the strong current of air passing through the grain. To understand what a complete success this loader is one must see it work. We like it well enough that we expect to put in one or two more soon. Very truly,  
KINSEY BROS.

THESE PARTIES ARE NOW INSTALLING THEIR THIRD MACHINE.

The ONLY Machine  
that Will Clean and Load  
at the Same Time.

For Descriptive Circular  
and Prices — Address:

**Mattoon Grain  
Conveyor Co.  
MATTOON, ILL.**

Want a Job? — Advertise in the Situations Wanted  
columns of the Grain Dealers Journal.

### THE RELiance AUTOMATIC DUMP CONTROLLER



does not require time or labor in operating, is not in the road in the sink or in driveway. It is simple, durable and easily attached to any drop dump. All prominent elevator contractors recommend it.

In our experience in grain elevator building we find there is often a great objection raised by the farmers about the hard dropping of their wagons in dumping; also that expense often accrues to grain men for repairs to wagons broken in this way.

It has been in use over the central grain states two years. We have letters from a great number of users who speak of it in the highest terms, and say they will not do without it.

We guarantee it to give satisfaction.

Shipped on 30 to 60 days trial. Price, \$12.00.  
Yours truly,

**RELiance CONSTRUCTION CO.**  
INDIANAPOLIS, IND.

### PERFECT SATISFACTION



St. Marys, Kan., July 24th, 1909

The Maroa Mfg. Co., Maroa, Ill.

Dear Sirs:—We inclose you an old invoice that you may see what machine we want repairs for. Please send us part marked A 25. Ship the casting by freight. Send us bill for same and we will remit.

This loader has certainly given us perfect satisfaction, and we think it a great machine.

Very truly

BYRNES & CO.

The invoice they enclosed is dated Sept. 29th, 1903, so they have had the machine long enough to know and as this is the first repair they have ordered from us it proves the durability of these loaders. We make them in five sizes and ship them on trial without any pay in advance, so you take no risk

**MAROA MANUFACTURING CO.,**

**MAROA, ILL.**



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**USE GAS, GASOLINE OR KEROSENE**

make a dependable power for Elevator and Mill work. Your plant is running in one minute, no time lost getting ready for short runs. The equipments are complete and conform to Insurance rules.

**FIVE YEAR BOND GUARANTEE**

Our elevator engines have wipe feed oil systems, vertical valves auto noiseless mufflers and many other advantages. If you use the **WITTE** you help us advertise. So write for our introducing proposition stating size wanted.

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526 W. 5th Street KANSAS CITY, MO.



## OTTO ENGINES

Are doing the work of the world and doing it well. 100,000 of them are making money for 100,000 satisfied users. You can become a profit sharer by sending for a catalogue and telling us your needs.

**The Otto Gas Engine Works,** PHILADELPHIA, P. NN.



## Install An Engine That Avoids Power Troubles

Give the matter of the engine you will install a little careful thought now and you will avoid a world of worry after a while.

There is every quality that goes to make satisfactory service in

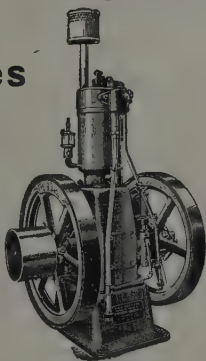
## I. H. C. Gasoline Engines

The judgment of disinterested users is the safest guide in engine buying. There are thousands of I. H. C. engines in service and every user will testify to their thorough efficiency. Install an I. H. C. engine and get known quality.

Made in sizes from 1 to 25 H. P. and in styles to meet all power requirements. Get catalog and particulars from International local agents or write direct to home office.

**International Harvester Co. of America**  
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are economical

For the wipe spark igniter, positively driven, never fails to fire a charge of fuel.

Mechanically operated valves admit fuel charge into cylinder at atmospheric pressure, increasing the efficiency of the engine.

Foos Engines are built in the largest exclusive gas engine plant in America, having the advantage of superior shop equipment, are accurately machined and carefully erected, avoiding friction losses usual to most engines.

Write for catalog No. 20, giving all details regarding Foos Engines.

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## Gas Engine Books

Operators of Gasoline engines who encounter difficulties in the care or operation of gas and gasoline engines will find each of the following books of great assistance:

**The Practical Gas Engineer**, by E. W. Longenecker, M. D., Price, \$1.00.

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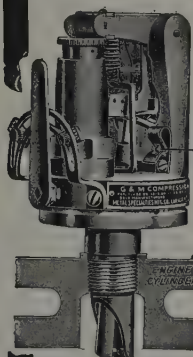
**Gas Engine Troubles and Remedies**, by Albert Strittmatter, Price, \$1.00.

**Plain Gas Engine Sense**, by E. L. Osborne, Price, \$1.00.

For any of the above address,

**Grain Dealers Journal**  
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## G. & M. Compression Igniter A Revelation in Gas Engine Ignition



This igniter is suitable for all types of internal combustion engines. It may be screwed in place of your jump spark, hot tube or mechanical make and break igniter.

**We Can Save You Money**

by increasing the efficiency of your engine. We ignite the charge at

the proper moment under all conditions of load and speed.

Other results are: easier starting; greater power; steadier running; no mis-fires; less straining and jerking of the engine.

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For particulars write sole manufacturers  
**METAL SPECIALTIES MANUFACTURING CO.**

18 to 28 W. Randolph St.,  
CHICAGO, ILL.

**ELEVATORS FOR SALE.**

FOR SALE OR LEASE—My elevator in Iowa. Good reasons for selling. Address Chance, Box 3, Grain Dealers Journal, Chicago, Ill.

ELEVATOR FOR SALE in Northern Iowa, in German settlement. No farmers eltr. near. One competitor. Address Roy, Box 1, Grain Dealers Journal, Chicago, Ill.

FOR SALE:—Elevator in the best corn and oat belt of Illinois. Good business in grain, coal and hogs. Capacity 80,000 bus. Address S. L. P., Box 3, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Ill., Iowa and Ind. elevators. Some with lumber and coal in connection. Make your wants known, we can locate you. Address Potter, Davis & Co., Galesburg, Ill.

FOR SALE—20,000 bu. elevator on the Great Northern Ry. in Douglas Co., Minn. Excellent location, doing good business. No trade. Address P. O. Box 15, Chamber of Commerce Station, Minneapolis, Minn.

FOR SALE—Elevators in the corn belt of Ohio and Indiana. Have several choice propositions. Give us an idea of where you would like to locate and the amount you desire to invest. Tri-State Elevator Co., Hicksville, O.

ELEVATOR and coal business for sale on Wabash R. R. in Western Illinois. Elevator 7,000 bu. capacity, in first class running order. Will sell worth the money. Address Walt, Box 11, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Small line of elevators, doing a good business, in the best part of Southern Minnesota where crop prospects never looked better at this time of year. Reason for selling; too much other business to attend to. Address Lock Box 99, Henderson, Minn.

FOR SALE:—Elevator at a big bargain, account of death of former owner. 10,000 to 12,000 capacity. In a community fastly developing. Bright future. No other elevator in town. For particulars address, P. H. McCormick, Cashier Farmers & Merchants Bank, N. Judson, Ind.

FOR VERY BEST BUSINESS REASONS, we list and offer to-day one of the best large elevators in the grain belt. 125,000 capacity, cribbed iron clad, ships 450,000 corn and oats. One good competitor. Hess grain drier, purifier, man-lift, car puller, power shovel, electric lights, water system, and includes good eight room residence. All first class. Average last 3 yrs. \$10,358 profits. This entire plant for \$30,000. In Indiana. Address John A. Rice, Frankfort, Ind.

ELEVATORS FOR SALE: — One bargain for small man with 3 to \$5,000. Ships 100 cars, Big 4 W. Ohio—\$4,000. One ships 150,000, nets \$4000, in 3000 town, best on the map, for \$8000. Terms. Good retail—best reasons. A 1000 bbl. mill and grain bus. in connection, in Ohio, an estate, \$27,000 if soon. Worth twice the price. One fine, large 125,000 bus. house, ships half million, including residence. \$30,000, terms. BARGAIN—In central Ind. and private lists since Aug. 1st. WE ARE THE MARKET FOR GOOD ELEVATORS.—John A. Rice, Frankfort, Ind.

**ELEVATORS FOR SALE.**

FOR SALE—Good grain, hardware, and implement business in Central Iowa. Address J. C., Box 2, Grain Dealers Journal, Chicago, Ill.

A GOOD PAYING ELEVATOR in Northeastern Indiana for sale. A bargain if sold soon. Address Bargain, Box 2, Grain Dealers Journal, Chicago, Ill.

FOR SALE—A line of good paying elevators in Kan., Neb., Mo., and Iowa. Must be sold immediately. Address Gregg Bros. Grain Co., St. Joseph, Mo.

FOR SALE:—1st class Ohio plant, at 75c on the dollar, as I expect to retire from active business. Address M. H. C., Box 3, Grain Dealers Journal, Chicago, Ill.

FOR SALE—A good paying elevator, in north central Indiana, in good wheat, oats and corn belt. A bargain if sold soon. Address S, Box 3, Grain Dealers Journal, Chicago, Ill.

FOR SALE:—30,000 bu. elevator; nearly new; modern equipment; Fairbanks, Morse 8 H.P. gasoline engine, dump and hopper scales, cleaner, direct loading. Located on Great Northern Railroad in the cream of wheat belt. Address, Minn, Box 3, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Two modern elevators, located in north central Iowa, on Chicago Great Western. Handled 350,000 bu. of grain last year. Gasoline and electric power in elevators. Also only Flour and Feed Store in county seat town of 3,000 inhabitants. For full particulars address P, Box 1, Grain Dealers Journal, Chicago, Ill.

TO EXCHANGE for land: Grain, coal and feed business in Illinois on C. & A. Ry. Plant includes 50,000 capacity gasoline power iron clad cribbed elevator building; cribs for 15,000 bushels ear corn, coal houses for 200 tons hard and soft coal, feed grinder, etc. All in first class condition. Handles 150,000 bushels grain annually. Price \$10,000. R. N. F., Box 12, Grain Dealers Journal, Chicago, Illinois.

A SNAP—One 30,000 bu. standard elevator, together with 160 acres of good farming land in the best wheat country of N. Dakota. Property located at Landa, N. Dak., on the Great Northern Railroad. Land adjoins townsite. Agent lives in house on farm and operates elevator. Elevator handles 125,000 bu. in good year. 52 a. on farm in crop this year; 90 a. more can be broken. \$11,000 takes the elevator and farm. One half cash, deferred payments at 7%. Good reason for selling. Address Burgess Elevator Co., Devils Lake, N. Dak.

FOR SALE—The best small line of elevators in northern Iowa, consisting of nine houses with aggregate capacity of 240,000 bushels. Located in the center of the grain belt and in an immensely productive territory. Large retail business in coal, flour, feed, salt and tile at all the points. Retail business alone will pay expenses of operation. Houses are all in good condition and equipped with good machinery. Cleaning station at end of line nearest markets. Has always been a good money maker. Full particulars and specifications on application. Address, Iowa, Box 8, Grain Dealers Journal, Chicago, Ill.

**ELEVATORS FOR SALE.**

FOR SALE:—Brand new 12,000 bu. elevator in famous Broken Arrow corn district; 8000 bu. corn crib, 15-H.P. gas engine. Good crops this year. Price \$3,500 net. Address, Weatherwax & Co., Sapulpa, Okla.

FOR SALE:—Elevator in a town of 1500. One other elevator; large corn crop. Will sell for \$12,000 if taken before Sept. 1st. Good reasons for selling. For further particulars, address A. B. S., Box 91, Brookville, O.

FOR SALE at a bargain—First class elevator on main line of the Rock Island, between Council Bluffs and Des Moines. Annual shipments 100,000 bus. Also good lumber business near Des Moines. Address Iowa Mill & Elevator Brokers, Independence, Iowa.

FOR SALE:—8,000 bu. elevator, coal and cement business in Oklahoma town of 5,000 population. Eureka separator and motor power, 9 coal bins, cement house, barn and warehouse, 5 grain bins, office and scales. A bargain on easy terms. Address, Weatherwax & Co., Sapulpa, Okla.

TWO IOWA elevators for sale—Have two elevators in central northern Iowa on the C. M. & St. P. R. R. in good grain territory and will sell for cash or trade for S. Dak. land. My reason for selling is that I live too far away to look after same. Address Carl, Box 1, Grain Dealers Journal, Chicago, Ill.

FOR SALE—22,000 bu. elevator, built of 2x6 oak cribbing, weather board siding; 25 H. P. Olds Gasoline engine, one 12 in. leg. terra cotta engine room and office, private loading switch and ground, connected with the E. J. & E. Ry. and the B. & O., 35 miles east of Chicago in first class grain country; for information write Cadwell & Salyers, Malvern, Iowa.

FOR SALE—At Thomas, S. Dak., on the South Dakota Central Railway, modern, up-to-date elevator, erected during the fall of 1908; size 28x30 ft.; 40 ft. cribbing; capacity, 25,000 bus.; also flour shed 28x9 ft.; coal shed 16x60 ft.; five bins. Together with the lots on which the buildings stand. Address C. E. McKinney, Trustee, Sioux Falls, S. Dak.

BEAN ELEVATOR AND COAL TRADE, in the heart of the bean territory. No competition in either beans or coal. Elevator new, of first class material and workmanship; equipped with all modern facilities. Each doing an unusually fine business. Trade well established and paying good money. Change of climate necessary for health of family. Address, Grif, Box 3, Grain Dealers Journal, Chicago, Ill.

FOR SALE OR TRADE—Grain, seed, coal and feed business, in Northwestern Ohio, on Wabash R. R. Plant includes 15,000 bu. capacity, gasoline power, iron clad cribbed elevator building, coal house for 400 tons coal, ware room, barn, private switch, all in first class condition. Handles about 100,000 bu. grain and about 4,000 tons coal per year. Doing good paying business. Owner is obliged to retire. Would exchange for improved land up to \$6,000. Can give long time on balance with int. at 5%. Price \$11,500. About one acre of land goes with this plant. Located in town of 3,000. Address Riley, Box 2, Grain Dealers Journal, Chicago, Ill.



## ELEVATORS FOR SALE.

FOR SALE—An up-to-date elevator, located in the best grain producing portion of Ohio. Building, machinery and everything as good as new. Address, J. L. M., Box 3, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE: One 20,000 bus. elevator at Cleveland, Minn. One at Le Sueur Center, Minn. Corn cribs, corn shellers, feed mills; everything complete; good location; one competitor at each point; crops the finest in years. A bargain if disposed of immediately. Address, Cham, Box 3, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE:—A 75,000 bu. elevator in town of 600, that handles annually 375,000 bus. Good competition. A 40,000 bu. elevator in town of 1500, that handles 175,000 bus. annually. One good competitor. Price \$7000. A 40,000 bu. elevator in town of 1800, that handles 250,000 bus. annually, with lumber yard in connection. Fine proposition. Several others that are good. Write for particulars, or come and see me. Am sure I can suit you in location, price and terms. Let me know your wants. Address James M. Maguire, Campus, Ill.

## ELEVATORS WANTED.

WANTED to rent or would form partnership in good elevator, Indiana or Illinois, by Sept. 1st. Address Rich, Box 1, Grain Dealers Journal, Chicago, Ill.

ELEVATOR WANTED in exchange for good improved farm. Give full description and price. Address Inde, Box 6, Grain Dealers Journal, Chicago, Ill.

ELEVATOR WANTED: Western Ohio or eastern Indiana. Give full particulars and price for cash in first letter. The Buckland Mfg. Co., Buckland, Ohio.

WANTED:—Two or three good elevators handling not less than 150,000 bus. each per year, in Nebraska, Kansas, or South Dakota preferred. State all particulars in first letter. Address Box 23, Harvard, Nebr.

WANTED—To buy a good elevator in Indiana, that can show average receipts of over 200,000 bus. per year. Would consider good coal business or small lumber yard in connection. Address A. P. Hansen, Brookston, Ind.

## HELP WANTED.

WANTED—Men to work on elevators; mechanics only. Address J. A. Horn, Oklahoma City, Oklahoma.

WANTED:—A good elevator man familiar with a snap corn sheller; also a man who can handle a gasoline engine and snap corn sheller. Address, Box 123, Chickasha, Okla.

WANTED—Reliable man for work in elevator. One familiar with producer gas and gasoline engines preferred. Give references and wages expected. Address Dadmun Bros., Whitewater, Wis.

WANTED:—A traveling salesman who understands the machinery needs of country elevators and can sell the goods. One who can sketch a plan preferred. Address Forty chances, Box 3, Grain Dealers Journal, Chicago, Ill.

## SITUATIONS WANTED.

POSITION WANTED as grain buyer. Experienced in grain. R. R. Letner, Ash Creek, Minn.

POSITION WANTED:—As grain buyer; 7 years experience. Address F. C. Dewey, Waterbury, Dixon Co., Nebr.

WANTED POSITION—Experienced grain, hay and seed buyer wants work. Address Mart, Box 10, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED:—As Supt. of a line of country elevators, or a terminal, west of the Rocky Mts. Ten yrs. experience. Address Chas. M. Hayes, Converse, Ind.

POSITION WANTED:—As manager or grain buyer of some reliable Iowa or South Dakota house. Three years experience. Address, H. A. Woodworth, Lanark, Ill.

POSITION WANTED as Manager of country elevator, by experienced and capable man. Married and can give best of references. Address A. P. Jasinski, Canby, Minn.

POSITION WANTED:—As traveling solicitor, by experienced grain man. Iowa alone or Iowa and S. Dakota preferred. Address Iowa, Box 3, Grain Dealers Journal, Chicago, Ill.

WANTED POSITION as manager of country elevator by experienced young man. Best of reference; first class bookkeeper. Address Wit, Box 10, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED: — By all around grain man, as auditor, asst. mgr., or any good position. Employed. Write for particulars. Address, Austin, Box 3, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED:—Have had ten years experience grading grain. All references. Will take position as solicitor or will manage elevator. Address F. E., Box 3, Grain Dealers Journal, Chicago, Ill.

SITUATION WANTED as manager of grain elevator or solicitor for grain firm; would put up time and experience against capital in grain enterprise; 5 yrs. exp. A-1 ref. Age 30; single. Address Moy, Box 3, Grain Dealers Journal, Chicago.

## SITUATIONS WANTED.

SITUATION WANTED:—As manager of country elevator. Have had several years experience, and can give all references. German. Address J. J. K., Box 3, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED:—As grain buyer or solicitor for some good commission house, by young married man of 4 years experience. All references. Address W. C., Box 3, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED:—As manager of country elevator or line of elevators. Experienced in country and terminal markets. At present employed; want to make change. Address E. S. Box 3, Grain Dealers Journal, Chicago, Ill.

WANTED—Position as buyer or mgr. of grain elevator, by young man 25 yrs. old. Competent judge of field seeds. Good education; understand bookkeeping. Best references. Address D., Box 2, Grain Dealers Journal, Chicago, Ill.

SITUATION WANTED:—Am contemplating making a change about Jan. 1st. During the past five years have been manager for one of the largest grain elevators in Northern Indiana. Correspondence solicited. Address John G. Bauer, Valparaiso, Ind.

POSITION WANTED:—By married man, as buyer and manager at a year-round station. Would buy interest later in good location; understand machinery, grading grain, billing local, also transit. Only consider central or south Kansas location. Address W. W. B., Box 3, Grain Dealers Journal, Chicago, Ill.

## SCALES FOR SALE.

SCALES for elevators and mills; low-est prices. Chicago Scale Co., Chicago.

ONE 600 BU. Fairbanks hopper scale, good as new, for sale. Address McLeod Bros., Bloomington, Ill.

FOR SALE: 14 Fairbanks and Howe hopper scales good as new, sizes 100 to 1,000 bu. Omaha Scale Co., 10th & Douglas St., Omaha, Nebr.

SCALES of all kinds repaired rebuilt, tested and sealed. Elevator and mill scales our specialty. All work guaranteed. Address Young Bros., 1 Bridge St., Toledo, Ohio.

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### GRAIN DEALERS JOURNAL

255 La Salle St., Chicago, Ill.

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Name of firm.....

Capacity of Elevator.....

Post Office.....

.....bus.

State.....

**ENGINES FOR SALE.**

GASOLINE engines for sale, 10 h.p. Temple Pump Co., 15th Place, Chicago.

FOR SALE—10 H. P. Upright Hart-Parr Gasoline Engine, at a bargain. Address C. F. Freehauf, Cresco, Iowa.

TEN 2-H. P. FAIRBANKS-MORSE "J. O. A. T." Gasoline Engines, used one week, \$65 each. Wilmot Machinery Co., 722 Gravier St., New Orleans, La.

FOR SALE.—16x36 Corliss engine, and 175 H.P. horizontal tubular boiler, good for 150 lb. working pressure. Address, Peters & Edholm Co., Omaha, Neb.

FOR SALE—A Lightning balanced 12 horse gasoline engine, practically as good as new; \$350 cash, or \$100 cash and \$25 per month for 12 months. Write quick if interested. Address B. Strong Grain & Coal Co., Conway Springs, Kans.

OLDS GASOLINE ENGINE, 25 H.P. with batteries, Apple sparker, tank, etc. First class condition; used three years; supplanted by electric power. Price F. O. B. Clay Center, \$400. Also good power elevator hoist for \$50. Address J. G. Jessup, Clay Center, Nebr.

**GASOLINE ENGINES FOR SALE.**

50 H.P. Nash.  
25 H.P. Columbus.  
25 H.P. Fairbanks Morse.  
22 H.P. Fairbanks Morse.  
20 H.P. Ohio.  
12 H.P. Fairbanks Morse.  
6 H.P. Fairbanks Morse.  
4 H.P. Fairbanks Morse.  
3 H.P. International.  
Also fifty engines of varied sizes and all makes. Address A. H. McDonald, 62 West Monroe St., Chicago, Ill.

**GASOLINE ENGINES FOR SALE.**

1—6 HP Fairbanks .....	\$100.00
1—9 HP Foos .....	150.00
1—15 HP Marinette .....	200.00
1—15 HP Field-Brundage .....	300.00
1—20 HP Fairbanks-Morse .....	225.00
1—10 HP Howe .....	100.00
1—4 HP Fields .....	100.00
1—8 HP Webber .....	75.00
1—8 HP White & Middleton .....	125.00
1—12 HP Fairbanks .....	100.00
1—5 HP Foos .....	100.00

Allen P. Ely & Co.,  
Omaha, Neb.

**BUSINESS OPPORTUNITY.**

EXCEPTIONAL OPENING for grain elevator and experienced dealer in Oklahoma's great corn producing section. 200,000 to 300,000 bu. can be handled annually. Address Commercial Club, Mannsville, Okla.

GRAIN BUSINESS OPENING:—Party with \$1,500 to \$2,500 can secure interest in elevator and grain business, with bright future. Only parties with A1 references need apply. Address quick, H. M. P., Box 3, Grain Dealers Journal, Chicago, Ill.

**INFORMATION FREE.**

Readers desiring to learn by whom, or where any grain handling machine or device is made can generally obtain it promptly by addressing Information Bureau, Grain Dealers Journal, Chicago, Ill.

**ENGINES AND BOILERS.**

ATLAS STEAM OUTFIT, 10x12 Plain self-contained engine; 40x12 Atlas Boiler, H. P. 35, Engine 25. In good order. Theo. Sindt Grain Co., Lake Park, Ia

FOR SALE—Two boilers, 72x18; head ½ inch steel; shell, ¾ inch; flues 4 inch; 88 pounds pressure; made by Murray Iron Works Co. Address Rosenbaum Bros., 77 Board of Trade, Chicago, Ill.

**REBUILT ENGINES AND BOILERS.**

The cleanest and most thoroughly rebuilt, all our own and in stock. Not scattered everywhere and merely listed

ENGINES—CORLISS: 20x48" Wheelock, 20x42 Allis, 18x42 Hamilton, 16x42 Lane and Bodley, 14x36 Lane and Bodley, 14x24 Wright, 12x30 Allis, etc.

ENGINES—AUTOMATIC: 16x32 Buckeye, 15x14 Erie, 14½x16 Buckeye, 14½x14 Ball & Wood, 13½x15 Taylor, 13x16 Erie, 12x14 Green, 12x12 N. Y. Safety, 10x10 Fisher, 9½x12 Lefell, 8x10 All-free, etc.

ENGINES—THROTTLING: 18x24 Erie, 16x20 Chandler and Taylor, 16x18 Erie, 14x24 Atlas, 13x16 Chandler and Taylor, 14x14 Lewis Vertical, 10x16 Owens, Lane and Dyer, 10x12 Industrial, 9x12 Ajax, 8x12 Climax, 7x12 H. S. & G., 6x8 Clark, etc.

BOILERS—STATIONARY: 72x18 High Pressure, 72x18 Standard, 72x16, 66x16, 60x20, 60x16, 54x16, 54x14, 54x12, 48x16, 48x14, 44x14, 40x12, 40x9, 36x16, 36x10, etc.

BOILERS—FIRE BOX: 80, 60, 40, 35, 30, 25, 20, 16, 12, 10 and 8 h. p., etc.

BOILERS—VERTICAL: 50, 40, 35, 30, 25, 20, 16, 12, 10, 8, 5, and 3 h. p., etc.

HEATERS: All sizes, open and closed. PUMPS: All sizes, Single and Duplex. SCALES: Five-ton Fairbanks, Wagon Scales. Also full assortment of new machinery.

Sole manufacturers of the celebrated "LEADER" INJECTORS and JET PUMPS. Send for circular. THE RANDLE MACHINERY CO., 1748 Powers St., Cincinnati, O.

**MISCELLANEOUS WANTED.**

IF YOU want to buy, sell or exchange an elevator, write, wire or phone us. Tri-State Elevator Co., Hicksville, Ohio.

WANTED—We have several buyers for elevators and lumber yards. Let us know what you have for sale. Write today. Potter-Davis & Co., Galesburg, Ill.

WE ARE making a specialty of Buying, Selling and Exchanging Ohio, Indiana and Michigan Elevators. Let us know your wants. Address Tri-State Elevator Co., Hicksville, Ohio.

WRITE US if you want to sell your elevator or want to buy. We have a large list of elevator bargains and also some good exchanges for elevators. Address Iowa Mill & Elevator Brokers, Independence, Iowa.

WANTED—Present address of N. A. Grabill, elevator builder, formerly of Daleville, Ind. Have important communication to deliver. Address Builder, Box 2, Grain Dealers Journal, Chicago, Ill.

**BAGS FOR SALE.**

GRAIN BAGS FOR RENT—From 100 to 50,000. For terms write Foell & Co., 123 Market street, St. Louis, Mo.

**MACHINES FOR SALE.**

FOR SALE—Three No. 2 Barnard & Leas Plansifters. Have used six years, but are in good condition. Will have to be re-clothed. Will make low price. Address Oklahoma City Mill & Eltr. Co., Oklahoma City, Okla.

FOR SALE.—One Ideal Duplex feed mill No. 3; one Western suction fan, 45 inch fan; one Western Warehouse corn sheller, No. 2½. One new Process cylinder corn sheller, size No. 1. Address A. H. Richner, Crawfordville, Ind.

**MISCELLANEOUS FOR SALE.**

FOR SALE—One Abbott Check Punch, good condition, price \$10.00 at Cleveland. The Union Elevator Co., Cleveland, Ohio.

FOR SALE CHEAP:—A 12x16 Roller Feed Mill, also a meal bolt. All in good condition. Address E. Brunner, Hope, Kans.

GRAIN TESTERS: Three sizes, one pint, one quart and two quarts. Guaranteed correct, sent on trial. Write for prices. A. S. Garman Co., Akron, O.

ONE 10x20 Sinkers Davis. One 8x16 Atlas. One 12x24 Atlas. One No. 3 Invincible Clipper. One No. 4 Invincible Receiving Separator. Address J. A. Horn, Oklahoma City, Okla.

FOR SALE:—All the elevator machinery and lumber from the large Western Elevator at Wabasha, Minn. Write us for what you want, as we will give the biggest bargains on the market. Address La Crosse Wrecking Co., La Crosse, Wis.

FOR SALE OR TRADE—Mill shells of different makes and sizes. One No. 7 Monitor oat clipper; elevator heads; boots, belts and legging; elevator supplies of all kinds, both new and second hand; gas and gasoline engines, 5 to 30 HP.; steam engines, 15 to 80 HP. Write me for prices on anything you want. I will try to save you money. Address, A. Van Camp, Decatur, Ind.

**SECOND-HAND MACHINERY.**

Attrition mills: 3-24" Cogswell's; 1-24" Monarch; 1-20" Unique; 2-24" Foos; 1-19" Foos; 3 pair high roller mills; 2-9"x18" Noye, gear drive; 1-9"x15" Case; 1-7"x18" 3 pair High Alfrec, belt drive; 1-7"x15" Alfrec 2 high roller mill. Separators: 1 No. 1½ Barnard & Leas milling, 1 No. 31 Barnard & Leas Receiving; 1 No. 258 Eureka Magnetic 25 bu. cap; 1 No. 256 Monarch Magnetic, 50 bu. cap; 1 No. 0 Howes Magnetic, 35 bu. cap. Dust collectors: 1 No. 3 P, 1 No. 4 A, 1 No. 2-B Wilson Tubular; 1 No. 2 Monarch. Address Sprout, Waldron & Co., P. O. Box 260, Muncy, Pa.

**GIN AND CORN BUSINESS FOR SALE.**

FOR SALE:—A gin and corn business in Western Okla., on the Orient Ry. A two-stand 70 saw Munger plant, with cleaners, double box press cotton house gin, 30-H.P. engine, office and scales; also a 20,000 bu. corn crib. The entire business on 7-25 ft. lots. A quick bargain for \$3,000. Address Weatherwax & Co., Sapulpa, Okla.

**If Your Business**  
isn't worth advertising  
advertise it for sale



## MILLS FOR SALE.

FOR SALE:—100-bbl. Plansifter mill. Half cash, balance at 6% interest. Located at Festus, near Crystal City, Jefferson Co., Mo. Address F. W. Brickey, Festus, Mo.

FOR SALE:—A new 25,000 bu.-100 bbl. flouring mill on the C. R. I. & P. R. R., in good wheat belt. 90-H.P. boiler, 60-H.P. engine. Machinery up-to-date. Price \$12,000. Terms. Address Weatherwax & Co., Sapulpa, Okla.

EASTERN NEBRASKA MILL FOR SALE—New, 150 bbl., steam power, best wheat country, fine shipping facilities and home trade. Forced to sell. Worth \$25,000. Price \$15,000. Balance long time. will lease. Address J. S. Ehrenberger, Schuyler, Nebr.

TWO HUNDRED AND FORTY BARREL MILL for sale. Elevator 50,000 bu. capacity in connection; water power; located in the Judith Basin, the greatest hard wheat country in the world; town of 4,500 inhabitants. If interested address Morton & Martin, Lewistown, Mont.

50-BBL. water and steam power grist mill for sale; up-to-date machinery, first class condition, both machinery and building, excellent location, good custom trade, plenty of wheat raised near mill. Property cost \$8,000; must be sacrificed and no reasonable offer will be refused; must be sold at once. NATIONAL INVESTMENT CO., 582 Brandeis Bldg., Omaha, Neb.

FOR SALE 400 barrel Spring Wheat Mill & Elevator in Minnesota. Strictly modern and up-to-date. Have long list of customers and mill running every day. Location in a city of 15,000 population. Three railroads. Will accept part cash and time paper from responsible parties for balance, or will make a trade for something we can handle. Address Minnesota, Box 6, Grain Dealers Journal, Chicago.

MILL and water wheel at a bargain. Modern, up-to-date, 70-barrel flour and new attrition feed mill; good trade; good location; no better wheat raised in Ohio. Reason for selling, poor health. If sold at once, \$4,000. Seventeen-inch Samson Wheel, practically good as new, ready to set up and run, with all gearing; also core wheel, 6 inch face, 3 7-16 bore, 64 cogs, pinion 2 1/2 bore, 44 cogs. Address S. E. Poole, Randolph, Portage Co., Ohio.

FOR SALE:—Choice milling plant. 150 bbl. flour mill; 100 bbl. meal mill; 15,000 bu. storage capacity, cribs for corn, barn, track at mill door, all on own grounds. 85-H.P. engine, 100-H.P. boiler, Nordyke & Marmon Machinery. Also bleacher, all in first class condition. Two elevators in connection, one 8,000 bu. capacity, corn cribs, coal bins, office and scales at the second station north; the other a 4,000 bu. capacity; corn cribs, coal bins, etc., at first station south of mill site. A bargain. Terms if desired. Address, Weatherwax & Co., Sapulpa, Okla.

## SEEDS FOR SALE.

WINTER SEED WHEAT—Hardy winter varieties; pure, clean seed. Biggest yields and best milling varieties. Shipped direct from grower. Address L. C. Brown, La Grange, Cook Co., Ill.

FOR SALE:—Extra cleaned Dodder free, Alfalfa, White Clover and Dwarf Essex Rape, stored N. York for immediate shipment. Ask our special offers. Address, I. L. Radwaner, N. York representative of Liefmann's, Hamburg.

KAFFIR CORN, MILOMAIZE, CANE SEED. Write us for prices, bulk or even weight, sacked, cleaned if desired. F. O. B. Okla. City, Kansas City, St. Louis or Chicago. Immediate shipment. Address E. R. & D. C. KOLP, Okla. City, Okla.

## FLOUR FOR SALE.

MIXED CARS of flour and mill feeds in 100-pound sacks are our specialties. Would like to send you a trial order to convince you of the superiority of our products. Ansted & Burk Co., Springfield, O.

## CORN SHUCKS FOR SALE.

FOR SALE:—Bailed shredded corn shucks, salted if preferred. Car load lots. Address, Peoples Cotton Oil Co., Lafayette, Louisiana.

## GRAIN FOR SALE.

FOR SALE—Oats and corn in car lots. Ask for quotations. Buckland Milling Co., Buckland, Ohio.

FOR SALE—Wheat, Corn, Oats, and Kaffir Corn. Delivered prices made on request to any points in the United States. Stevens-Scott Grain Co., Wichita, Kans.

## GRAIN BUSINESS FOR SALE

GRAIN BUSINESS and ground for sale, at the best grain station on the Alton in Missouri. Farmers anxious to have elevator. Address Opportunity 1, Box 3, Grain Dealers Journal, Chicago.

## BUCKWHEAT FLOUR FOR SALE.

BUCKWHEAT GRAIN.  
BUCKWHEAT FLOUR.  
BUCKWHEAT GROATS.  
FOR SALE BY  
MINER-HILLARD MILLING CO.,  
WILKES-BARRE, PA.

## PARTNERS WANTED.

PARTNER WANTED: — Experienced miller preferred. Will sell 1/2 interest in 15,000 bu., 75 bbl. flour mill. All machinery complete for mill and elevator. In best county in state, on C. R. I. & P. R. R. Terms. Price \$5,000. Write Weatherwax & Co., Sapulpa, Okla.

## HAY WANTED.

HAY AND STRAW WANTED:—Correspond with us. T. D. Randall & Co., 92 Board of Trade, Chicago, Ill.

## GRAIN WANTED.

NEW WHEAT and oats of every description wanted. Mail samples and name price delivered Philadelphia. Address L. F. Miller & Sons, Philadelphia, Pa.

## H. MELVIN MAHIN

Commission Dealer in  
Kansas and Oklahoma Broom Corn  
Consignments Solicited  
5300 Armour Ave., Chicago

## SALVAGE GRAIN OFF GRADES and DAMAGED GRAIN

Bought and Sold.  
WM. B. GALLAGHER, 72 Pearl St., Buffalo, N.Y.

## THE TOLEDO FIELD SEED CO. CLOVER AND TIMOTHY SEED

Consignments Solicited.  
Send Us Your Samples.  
ASK FOR OUR DAILY BIDS  
TOLEDO, OHIO

## CARGILL ELEVATOR COMPANY

Wholesale Dealers In Field Seeds  
MINNEAPOLIS, MINN.

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## CONSIGNMENTS

## J. R. TOMLIN GRAIN CO.

KANSAS CITY, MO.

MEMBER: { Kansas City Board of Trade;  
Chicago Board of Trade.

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## THE ALBERT DICKINSON CO.

Clovers  
Timothy  
Flaxseed  
Bromus inermis  
Dwarf Essex Rape Seed  
Main Office, CHICAGO, ILL.

# SEEDS

Blue Grass  
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Millets, Hungarian  
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Peas, Beans, Bays, etc.  
MINNEAPOLIS, MINN.

If you want to buy

Oklahoma Elevator or Mill Property

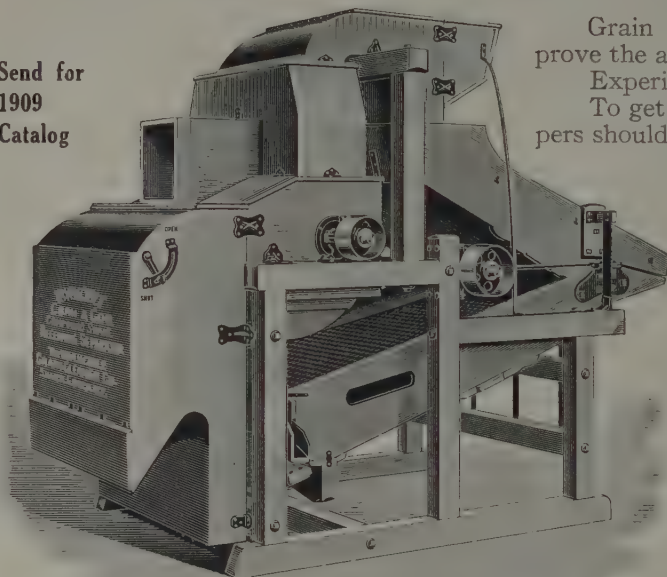
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WEATHERWAX & CO.,

9 East Dewey, Sapulpa, Oklahoma

# CLEANED CORN BRINGS BEST PRICE

Send for  
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Grain dealers require no argument to prove the above claim.

Experience has taught it many times.

To get the highest prices all corn shippers should install

## THE INVINCIBLE CORN and COB SEPARATOR and CLEANER

We guarantee this machine will take the Corn and Cob mixed from the Sheller and in one operation deliver the corn clean and ready for market.

Send for particulars to-day.

**INVINCIBLE GRAIN CLEANER CO., Silver Creek, N. Y.**

REPRESENTED BY

J. H. PANK, 512 Traders Bldg., Chicago, Ill., Phone Harrison 667.  
C. L. HOGLE, 623 Board of Trade, Indianapolis, Ind.

F. J. MURPHY, 225 Exchange Building, Kansas City, Mo.

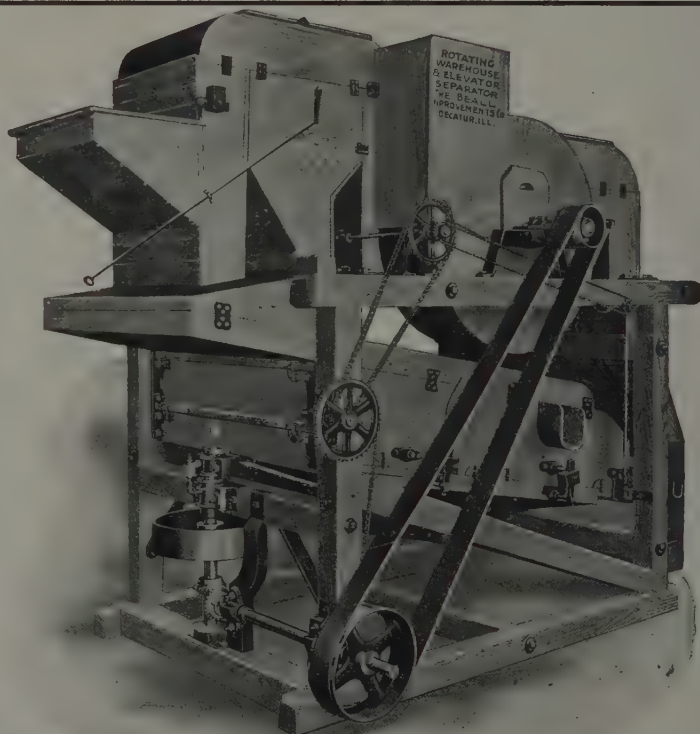
N. W. REPRESENTATIVES: STRONG-SCOTT MFG. CO., Minneapolis, Minn.

**"I surely would  
buy a 'Beall'"**

"The Beall Rotating Warehouse and Elevator Separator we bought of you two years ago has run every day and most of the time night and day, and the machine has given us the very best satisfaction, and we will say that its capacity is something wonderful. Anyone who wishes to grade wheat for shipping purposes can regulate their suction so easy that it is an easy matter to make No. 2 wheat out of No. 3 or 4, where the valves are properly regulated. If I wanted to buy another warehouse separator I surely would buy a Beall."

Helena Milling & Elevator Co.,  
Helena, Okla.

Write for prices of  
this machine



**The Beall Improvements Company  
DECATUR, ILL.**



## GRAIN DEALERS JOURNAL

Published on the  
10th and 25th of Each Month  
by the  
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**CHARLES S. CLARK,**  
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A Red Wrapper on your Journal means your subscription has expired.

### The Advertising

value of The Grain Dealers Journal as a medium for reaching the progressive grain dealers and elevator men of the country is unquestioned. The character and number of advertisements in its columns tell of its worth. If you would be classed with the leading firms place your announcements in the leading Journal.

The rate for Advertisements in the "For Sale" and "Wanted" Departments is 15 cents per line for each insertion.

### Letters

on subjects of interest to those engaged in the grain trade, news items and crop reports are always welcome.

Entered as Second-Class Matter Aug. 5, 1898, at the Post Office at Chicago, Ill., under Act of March 3, 1879.



GOLD MARKS SIGNIFYING QUALITY OF CIRCULATION HAVE BEEN AWARDED THE GRAIN DEALERS JOURNAL BY THE AMERICAN NEWSPAPER DIRECTORY

CHICAGO, ILL., AUGUST 10, 1909.

YOUR SHIPMENTS may be leaking badly in transit. A number of cars are reported leaking in this number, page 199.

ABUNDANT CROPS have been reported from so many sections, the general public now seems certain the entire country will profit by the farmers great prosperity.

THE AMERICAN Society of Equity met in Fargo, N. D., recently and decided to fix the price of wheat at country markets at one dollar. Ever since the price has been on the toboggan slide.

THE GOVERNMENT crop report published elsewhere in this number, is not all grain dealers would desire, but it is decidedly encouraging and most of the country elevator men are quite certain to have a busy season.

ONCE AGAIN the Government is said to be going thru the motions of supplying money to move the crops. Judging from prevailing interest rates however, it would seem that all banks have sufficient funds to meet the real needs.

OATS while grading much better than last year, are not all No. 2 whites, and it behooves buyers to grade closely if they expect to handle the crop at a profit. Some oats are so badly stained they will not grade in any market.

OVER DRAFTS not only irritate the receiver, but they make him suspicious of the financial strength of the drawer. The shipper who always leaves a fair margin wins the best service from his receiver by showing confidence in the consignee.

TROUBLE, trouble boils and bubbles in the Missouri State Grain Inspection Dept. at Kansas City all because of jealousy of a deputy for the Chief. If the Board of Trade was running the dept. as it should be Mr. Deputy would be fired instantler.

BLACK RUST was recently resurcted from the memory of three years ago, with the result that many bears had chills and fevers but the rumors proved to be groundless. The bulls are now looking around for another crop destroy-ing agency.

CORN, in the humid regions of Siberia, is credited with producing a fungus which if made into bread and eaten of freely induced intoxication. Here is a new attractive food for thot and labor on the part of the colonels of the new prohibition districts.

THE East is just recovering from a flood of "certificate No. 2 white oats" which graded only 3 and 4 white in Bufalo. When these suckers are next quoted any grain on certificates, they will refuse to bid a cent until they learn what certificates are meant.

BLUE EYE CORN is complained of by Nashville millers who charge Southern Indiana shippers with having a weakness for corn of this character. This is about the first complaint of such corn on the last crop, but it is evident that shippers will do well to keep on the lookout for it.

IT IS BUT NATURAL that inspectors in central markets should grade early receipts cautiously and perhaps rigidly. It will take them sometime to get a line on what quality of grain to expect and in the course of a month all grading will be more uniform and nearer to the letter of the rules.

AT LAST, it is announced that it is impracticable for farmers to make denatured alcohol (some people always insist on calling that good natured alcohol, but it isn't), economically out of waste products, so it will be impossible to substitute alcohol for gasoline and naphtha until some new process of manufacturing is established.

REDUCING ear corn to feed meal in one operation is seldom satisfactory, as the reduction is not sufficient to make a marketable meal. Elevator men who are preparing to do a large feed business this fall and winter would do well to profit by the experience of others before installing their machinery. Then will they be likely to get machines well suited to their needs.

SHIPPERS who sell No. 2 when they know they have nothing but off-grade grain on hand, are courting a loss. If by cleaning and mixing they cannot bring their grain up to grade, then they should refuse to sell the grade for which they are bid. Those who do will profit much more on the crop.

CINCINNATI bucket-shop keepers are still being pursued by the infallible dispensers of justice. W. D. Klausman is the latest Cincinnati to be found guilty of keeping a bucket-shop. If the county prosecutor keeps up the good work much longer, Cincinnati will have no bucket-shops left. Horrible fate.

THE IOWA association has declared in favor of nominal rentals for elevator sites. Unless the railroads are reasonable in this matter, they can rest assured that grain shippers will build their elevators on their own ground and then be able to collect for any damage done their property by the carrier or its agents.

IOWA dealers are no doubt favorable to arbitration, but if they have no differences, as seems to have been the case the past year, an arbitration committee would be of no use to them. Education and the avoidance of differences is but the natural outgrowth of arbitration, prompted by the spirit of fair dealing.

CHEAP PROTECTION from lightning is the subject of Farmer's Bulletin No. 367, just issued by the United States Department of Agriculture. As is shown on page 202 of this number, the fire insurance companies are also interested in this subject and trying to induce elevator owners to protect their houses from burning thru this agency. There now seems to be no doubt that elevators properly roddeed will not be struck by lightning.

BLEACHED FLOUR may soon be forgotten by the Agricultural Department which is said to be looking for an opportunity to drop its case against the millers. Chemists of international standing have declared no damage was done to flour, hence there seems no excuse whatever in the department attempting to interfere with the bleaching. Quibbling simply for the purpose of showing the authority of the department ill becomes the Government's officials.

SHIPPERS who attach their draft to shippers order B/L should instruct their bankers to send draft direct to the market to which grain is consigned, otherwise receiver will be unable to care for the grain upon arrival, as railroads are not now permitting shipper's order shipments to be handled until B/L is surrendered. Some shippers have been put to considerable expense for car service as well as lost the advantage of good markets thru delay in presentation of draft to consignee.

BUFFALO grain store houses, especially fire-proof plants, have been charged such a high rate, many have been carrying their own insurance, with the result that the stock companies are arranging for a reduction of 50% on steel tanks, and henceforth detached tanks will be listed at 20 cents a hundred; steel elevators will be charged 30 cents. With such rates in force none of the elevator men can afford to carry their own insurance.

MINNESOTA'S inspection department has four new rules establishing grades for speltz, No. 4 yellow corn and dockage on oats and barley. With dockage on all small grains, shipped to the terminal markets of the Northwest, no country elevator man will be able to do business without a good grain cleaner, which will not only keep the dirt at home, but relieve the shipper of the expensive necessity of paying freight on the dirt as well as having his grain docked on account of it.

BARLEY MIXED OATS, when truthfully branded, can be sold in any state without interference by Agricultural commissioners; in fact oats condemned by the Georgia commissioner were re-branded "Barley and white oats mixed" and then put back on the market, and of course the buyers were willing to pay just as much for them as originally. The members of the trade clearly understand what to expect. However, in fairness to consumers it would seem the part of wisdom to brand mixtures exactly what they contain.

ONE of the commendable features of the new uniform B/L, which was adopted without the advice or consent of the grain shippers of the country, was brot to light at the Des Moines meeting by the Transportation Committee. A shipper sold a car of corn for June shipment, early in the spring, at the price prevailing at that time. As delivery day approached he loaded out his corn, notwithstanding the price had advanced ten cents a bushel, and the railroad wrecked the car. All he asked was that carrier deliver a car of corn for him at destination of quality as good as he shipped. But the carrier, recognizing the defense provided by Sec. 3 of the new uniform B/L, said "No, we will simply pay you the invoice price". Many courts which have been called upon to pass on a case of this kind, have decided that carrier must pay value of commodity at destination, less the freight. Those who are so anxious to give this B/L a trial, should keep this experience in mind.

I am sure the Journal would be of great benefit to a grain dealer.—E. C. Garrison, Toledo, Ill.

A silver trophy the product of Colorado's mines and costing \$1,500, will be offered by the grain men of that state for the best exhibit of a half bushel of oats at the National Corn Exposition.

## POLITICAL WEIGHMEN NOT WANTED IN ILLINOIS.

The Illinois Railroad and Warehouse Commission, with ever covetous eye upon the many places provided by the weighing of grain in Illinois terminals, has once again threatened to establish a grain weighing bureau in East St. Louis. Such action would be looked upon with disfavor, not only by every grain shipper in Illinois, but by every receiver of any Illinois terminal and every shipper consigning grain to these terminals.

The grain trade has enough of Illinois politicians and their wretched work, and the commission is very likely to court more opposition from the trade than it would relish, unless this agitation for a political weighing department anywhere in Illinois is dropped. The weights of the Chicago Board of Trade department and the St. Louis Merchants Exchange department are more than satisfactory to the trade. These two excellent departments furnish the best weights ever obtained in their respective markets. The trade is fully cognizant of this fact and will fight most vigorously against any attempt to displace them with a political weighing department.

## TWO MORE MARKETS ADOPT UNIFORM RULES.

Uniform rules governing the grading of grain have recently been adopted by the Cleveland Chamber of Commerce Grain Committee. Similar action has also been taken by the Mansfield Chamber of Commerce. As is outlined by a communication from the Sec'y of the National Ass'n, published elsewhere in this number, uniform rules are desired by the majority of the trade, but some of the markets seem unable to bring their members to the adoption of the National Ass'n rules without an amendment or two.

While the adoption of even a part of the rules makes for uniformity, still the trade will be much better satisfied if all the exchanges would get together and draft uniform rules which could and would be adopted by all. If special rules are wanted for certain localities, let such rules be supplementary to the general rules which should be adopted by all grain inspection authorities. Then will the buyer and seller in different sections of the country be able to specify a "national rule" and be clearly understood by the other parties to the contract.

It is certainly to be hoped that the National Ass'n will not give up its efforts to bring about uniformity. The trade needs uniform rules and most of the members of the trade are heartily in sympathy with the movement. Small technicalities should not rob the trade of the needed uniformity. It is not to be expected that the rules first adopted will remain forever the same, but they should not be changed without an affirmative

vote of two-thirds of the rule making authorities interested.

Grading out of some markets to-day is a disgrace to the markets and the trade at large. Heavy and unreasonable losses have been forced upon buyers and shippers without any financial gain to the blundering inspectors. So much careless work is credited to the inspectors of one firm markets that unless some reform is effected soon the business will be diverted to the central markets, where supervisors, inspectors, samplers and appeals committees are at work in the interest of fair dealing.

## QUIBLERS.

Shippers and receivers are coming more and more to desire business relations with a fellow dealer because of his reputation for fair and honorable dealing, rather than for the large bank account with which he is credited by the commercial agencies with having.

A recent correspondent looking for satisfactory people to deal with, wrote "We want shippers who will deal fairly. Quibblers and shippers who are ever on the lookout for opportunities to take advantage whenever an opening is left, have given us many an unpleasant hour. We are not anxious to do all of the business, hence are content to try to do a little business and confine it to shippers whose words are as good as their bonds. A dozen good shippers are far to be preferred to a hundred of uncertain tendencies."

Not only will a shipper who shows a disposition to be fair be able to do business with many receivers denied to those shippers who are ever eager to enter into hot tempered disputes over minor points when they have an opportunity to turn a small advantage their way, but the fair-minded shipper will ever have the advantage of the higher price, because the receiver can depend upon getting what he buys without any long drawn out dispute.

The farmer cannot make denatured alcohol economically from waste products as at first so vehemently claimed. This is the dictum of the Department of Agriculture.

Quinoa, the grain of the Andes mountains, grows at a height where other grain and potatoes will not thrive. The grain yields an abundance of cereal food in the Yaruqui Valley, near Quito.

Linseed oil cake amounting to 652,886,000 lbs. was exported during the 11 months prior to June 1; against 639,431,000 lbs. during the 11 months prior to June 1, 1908, as reported by O. P. Austin, chief of the Bureau of Statistics.

She—I can't bind myself until I'm sure. Give me time to decide, and if, 6 months hence, I feel as I do now, I will be yours.

Ardent Adorer—I could never wait that long, darling. Besides, the courts have decided that dealing in futures, without the actual delivery of the goods, is gambling pure and simple.



# New Grain Tariffs

Among the new freight tariffs covering grain, seeds, hay and straw, filed with the Interstate Commerce Commission to become effective upon date specified in each abstract, as reported by *The Traffic Bulletin* of Chicago, are the following:

## GRAIN AND GRAIN PRODUCTS.

**T P & W, ICC No 661**, grain, grain products, from stations on T P & W to points in C F A territory; effective Aug. 31.

**Wabash, Sup 4** to ICC No 1002, grain, from western points to points in C F A territory; effective Sept. 1.

**P R R, ICC No G0902**, grain and grain products, from stations on P R R and connections to stations on D & H; effective Aug. 25.

**C H & D, Sup 8** to ICC No 1990, grain and grain products, from stations on C H & D to eastern points; effective Aug. 30.

**Wabash, Sup 3** to ICC No 1902, grain, grain products, C L, from Kansas City, Mo.-Kan., to points in Illinois; effective Aug. 30.

**Wabash, ICC No 2016**, grain, from stations on Wabash in Illinois to Cincinnati, O., and Louisville, Ky.; effective Aug. 26.

**C & E I, ICC No 2450**, grain, grain products from Terre Haute and Vincennes, Ind., to points in C F A territory; effective Sept. 1.

**Wabash, ICC No 2020**, corn, from Chicago, Ill., to points in New Brunswick, Nova Scotia, Ontario and Quebec; effective Aug. 29.

**L S & M S, Sup 12** to ICC No A2343, grain and grain products, from stations on L S & M S to eastern and Virginia points; effective Aug. 27.

**L & N, ICC No A10689**, grain products, from points on L & N to southern, south-eastern and Carolina points; effective Aug. 30.

**C C C & St L, Sup 30** to ICC No 2728, and 1 to 4850, broomcorn, from East St. Louis, Ill., to Rockland, Me., Stanstead, P. Q., and eastern cities; effective Aug. 21.

**L & N, Sup 3** to ICC No A10556, wheat, from Belleville, East St. Louis, Ill., and St. Louis, Mo., to Hopkinsville, Ky., 12c; effective Sept. 1.

**C M & St P, Sup 62** to ICC No A9945, grain, grain products, from Sioux City, Ia., to points in Missouri; effective Aug. 23.

**P R R, Sup 1** to ICC No TT308, grain, grain products, from stations on Renovo, Buffalo and Allegheny divisions P R R to stations on P & R; effective Aug. 31.

**Toledo & O C, Sup 11** to ICC No 1405, grain, grain products, from stations on Toledo & O C and connections to western terminal points; effective Aug. 26.

**Ill Cent, ICC No A7553**, wheat, from Chicago, Ill., to Aviston, Carlyle, Lebanon, O'Fallon and Trenton, Ill., 7c; effective, state, July 15; interstate, Aug. 16.

**Ill Cent, Sup 3** to ICC No 4149, wheat, from St. Louis, East St. Louis and East Carondelet to Hopkinsville, Ky., 12c; effective, state, Aug. 1; interstate, Sept. 1.

**Pere M, Sup 11** to ICC No 1691, grain, grain products, from stations on Pere M to eastern, New England, Virginia cities and Canadian points; effective Aug. 25.

**Erie, Sup 67** to ICC No A2016, grain, grain products, from Auburn Park, Burnham, Chicago and Englewood, Ill., to stations in C F A territory; effective Aug. 24.

**C M & St P, ICC No B1768**, barley, corn, flaxseed, oats and rye, C L, from stations in Wisconsin and Minnesota to stations on C M & St P; effective Sept. 1.

**C C C & St L, Sup 52** to ICC No 2334, grain and grain products, between stations on C C C & St L and Cin Nor; effective, state, July 28; interstate, Aug. 27.

**Mo Pac, ICC No A1103**, grain, grain products, from Kansas City, Independence, Mo., Atchison and Leavenworth, Kan., to stations in Illinois and Indiana; effective Sept. 8.

**N Y C & St L, Sup 3** to ICC No 2471, grain and grain products, from stations on N Y C & St L in Indiana and Ohio to points in C F A territory; effective Aug. 25.

**C R I & P, Sup 48** to ICC No C7901, rye,

from St. Paul, Minneapolis, Minnesota Transfer, Minn., to Chicago, Ill., and points in Illinois taking same rates, 10c; effective Sept. 8.

**Sou Ry, ICC No C1289**, wheat, corn, oats, rye and barley, from Sou Ry (St. Louis division) stations to points in Illinois, Indiana, Ohio and Michigan; effective, state, July 21; interstate, Aug. 24.

**B & O, ICC No 3607**, grain, from Philadelphia, Pa., and Baltimore, Md., to points in Maryland, Virginia and West Virginia, also from Washington, D. C., to stations on Sou Ry; effective Aug. 24.

**W T L Com, Amend 32** to ICC No 666, Amend 32 to Com No 779, grain, grain products, from points in Illinois, Mississippi River crossings to middle and western states territory; effective Sept. 1.

**C P & St L of Ill, ICC No 706**, barley, buckwheat, corn, kafir corn, oats, rye, speltz and wheat, from stations in Illinois to Chicago, Ill.; effective, state, July 24; interstate, Aug. 23.

**Mo Pac, Sup 2** to ICC No A970, grain, grain products, seeds, hay, straw, from points in Missouri, Nebraska and Kansas to points in Arkansas, Missouri and Oklahoma; effective Sept. 8.

**Grand Trunk, Sup 1** to ICC No A1276, grain and grain products, from Chicago, Ill., and Milwaukee, Wis., also other points in Illinois to points in C F A territory; effective Aug. 23.

**N Y C & St L, ICC No 2676**, grain and grain products, from stations in Ohio and Indiana to Burnham, Chicago, Stony Island, Ill., Hammond and Ft. Wayne, Ind.; effective Aug. 23.

**C P & St L of Ill, ICC No 702**, grain and grain products, from St. Louis, Mo., East St. Louis, Mo., Springfield and Peoria, Ill., to eastern and Canadian cities; effective Aug. 28.

**C I & Sou, ICC No 1284**, grain, from points in Illinois on T M & N to Kankakee, Ill., when destined to points in Indiana, Kentucky, Michigan (southern peninsula) and Ohio, 3½c; effective Sept. 1.

**C St. P M & O, Sup 23** to ICC No 3110, grain products, from St. Paul, Minneapolis, Minneapolis Transfer, Duluth, Minn., and Superior, Wis., to stations in Wisconsin and C F A points; effective Sept. 1.

**Minn & St L, Sup 31** to ICC No 1441, wheat and coarse grain, from points in Minnesota and South Dakota to Chicago, Chicago junctions, Milwaukee, Peoria and common points; effective Sept. 1.

**Ill Cent, Sup 1** to ICC No A7447, grain, from Pinckneyville and Coulterville, Ill., when originating at stations on Ill Sou or Wabash C & W, to Cairo, Ill. 4c; effective, state, July 22; interstate, Aug. 30.

**C B & Q, Sup 4** to ICC No 9314, grain, grain products and seeds, between Chicago, Peoria, Ill., St. Louis, Mo., Minneapolis and St. Paul, Minn., and rate points and stations in Iowa and Missouri; effective Sept. 1.

**C B & Q, Sup 7** to ICC No 9305, grain, grain products and seeds, between St. Paul, Minneapolis, Duluth, Stillwater, Minn., and La Crosse, Wis., and rate points and stations in Illinois and Indiana; effective Sept. 1.

**C C C & St L, ICC No 4887**, grain and grain products, from stations on C C C & St L and Cin Nor in Illinois and Indiana to stations on C C C & St L and Cin Nor in Illinois; effective, state, Aug. 4; interstate, Aug. 24.

**Ill Traction, Sup 3** to ICC No 2, grain, grain products, from Blue Island, Chicago, East St. Louis, Joliet, Kensington, Peoria, South Chicago, Ill., also St. Louis, Mo., to stations on Ill. Traction; effective, state, July 20; interstate, Aug. 25.

**C & A, Amend 12** to ICC No 1745, grain, grain products, from Kansas City, St. Joseph, Mo., and Elwood, Kan., to stations on C & A and connections in Illinois, Indiana, Michigan, Minnesota, Missouri, Ohio and Wisconsin; effective Sept. 1.

**Ill Cent, Sup 6** to ICC No A6625, barley, corn, oats, rye and wheat, from stations on Ill Cent in Illinois, Indiana, Wisconsin, also St. Louis, Mo., Paducah, Ky., to Chicago, Grand Crossing, Harvey, South Chicago, Blue Island, Ill.; effective, intrastate, July 28; interstate, Aug. 30.

**Sou Frt Assn, Sup 13** to ICC No A9, Assn No Reshipping Tariff 2, grain and grain products, from St. Louis, Carondelet, East St. Louis, Madison, Vandalia, Granite City and East Carondelet to Cairo, Evansville, Memphis, for beyond, also to southern points; effective Sept. 1.

**Wabash, Sup 9** to ICC No 735, grain, grain products, from Chicago, East St. Louis, East Hannibal, Quincy, Ill., and St. Louis and Hannibal, Mo., also lower Mississippi Valley and Louisiana points to stations in Iowa and Missouri on Wabash; effective, state, Aug. 8; interstate, Aug. 30.

**Nor Pac, Sup 1** to ICC No 4103, corn, rye, oats, barley and speltz, from Duluth, Minn., Superior, Superior (East End), Central Ave. (Superior), Wis., to Alton, East St. Louis, Ill., 11½c, and St. Louis, Mo., 12½c (applies only on shipments originating beyond); effective Aug. 30.

**C R I & P, Sup 45** to ICC No C7901, grain, seed and products, from Chicago, Peoria, Rock Island, Ill., St. Paul, Minneapolis, Minn., to stations in Iowa, Illinois, Minnesota and South Dakota, also Armourdale (Kansas City), Atchison and Leavenworth, Kan.; effective Sept. 8.

**Wabash, Sup 1** to ICC No 1822, wheat and coarse grain (originating west of Missouri River), cancel rates from Kansas City, Mo. (milled in transit at Keokuk, Ia.), to points in middle and western states territory; for rules and regulations see Wabash A5493, ICC 1920; effective Aug. 24.

**C & N W, Sup 14** to ICC No 6815, broomcorn, flaxseed, grain, grain products, from stations in Illinois, Wisconsin, Michigan, Iowa, Minnesota, North Dakota and South Dakota to stations on C & N W in Nebraska, Wyoming and South Dakota; effective, in Nebraska, Aug. 10; interstate, Aug. 30.

## EXPORT.

**L & N, ICC No A10690**, wheat, from or through East St. Louis to gulf ports, for export; milling in transit at Louisville, Ky.; effective Sept. 1.

**Union Pac, ICC No 2278**, grain, grain products, from stations in Kansas and Nebraska on Union Pac to Galveston, Tex., New Orleans, Port Chalmette, La., Texas City, Port Bolivar, Tex., Westwego, La., for export; effective Sept. 8.

**S W Trf Com, Sup 7** to ICC No 559, Corn No 4 W and Sup 7 to C F A ICC No 83, barley, originating at points beyond Minneapolis, Minnesota Transfer, St. Paul, Minn., to Laredo, Eagle Pass and El Paso, Tex., 38½c, combination locals; effective July 30; expires Aug. 29.

**C R I & P, Sup 25** to ICC No C8646, grain, grain products and broomcorn, from stations in Colorado, Kansas, Missouri, Nebraska and Oklahoma, also Council Bluffs, Ia., to Galveston, Port Arthur, Texas City, Tex., New Orleans, Port Chalmette, Algiers, Gretna, La., and Mobile, Ala., for export; effective Sept. 1.

## ELEVATION AND TRANSIT.

**P & R, ICC No J1827**, grain, elevator charges made by the Philadelphia Grain Elevator Co. at Philadelphia, Pa.; effective Aug. 23.

**C M & St P, Sup 4** to ICC No A9855, grain, showing minimum weights, add C I & P S to participating carriers; effective Aug. 30.

**C B & Q, ICC No 9681**, stopping and re-consignment of grain in transit at Burlington, Ia.; effective Sept. 1.

**C C C & St L, ICC No 4908**, grain, rules governing stopping to be inspected at Indianapolis, Ind.; effective Aug. 30.

**Vandalia, Sup 2** to ICC No 2336, grain, general rules and regulations governing transportation; effective Aug. 23.

**Cumb V, ICC No 1838**, rules governing stopping, for privilege, for blowing, screening, mixing, bagging and turning in store at points on Cumb V; effective Aug. 28.

**Ill Cent, Sup 133** to ICC No A5952, grain, rates, rules and regulations governing elevation of grain at St. Louis, Mo., and East St. Louis, Ill.; effective Sept. 1.

**C B & Q, Sup 1** to ICC No 9594, grain, grain products and seeds, regulations and general arrangements for stopping in transit to shell, clean, etc.; effective Sept. 1.

**Ill Cent, ICC No A7555**, grain, stopped in transit at Cairo, Ill., and reshipped to stations on Ill Cent and connections to points in Mississippi Valley, southeastern and Carolina territory; effective Aug. 30.

**N Y C & St L, ICC No 2683**, rules governing the handling of grain at Buffalo, Buffalo Junction or East Buffalo, N. Y., when for transfer, elevation, storage, re-consignment or delivery at Buffalo; effective Sept. 1.

## Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

### CANADA.

Ottawa, Can.—The acreage of late cereals and hood crops in all parts of Canada this season is 282,440 acres of buckwheat, 138,471 of flax, 352,570 acres of corn for husking, and 55,970 of beans, compared with 291,300 acres of buckwheat, 139,300 of flax, 366,200 of corn, and 60,100 of beans in 1908. The per cent of condition of these crops this season is 93.72 for buckwheat, 83.68 flax, 85.95 spelt, 87.06 corn and 90.50 for beans. For all parts of Canada the per cent condition of principal crops, July 1, compared with the condition at the same date last year was 77.2 to 89 for fall wheat, 86.77 to 80 for spring wheat, 93.81 to 90 for oats, 85.60 to 83 for barley, 81.47 to 82 for rye, 84.40 to 82 for peas, 88.58 to 84 for mixed grains, 76 to 87 for hay and clover, and 82.74 to 99 for pasture. In the case of all the grains except fall wheat the per cent condition is higher this year than it was last year; hay and clover and pasture are lower. In the three Northwest provinces the average condition of spring wheat at the first of July was 95.53 and of oats 96.56.—Archibald Blue, chief of the census and statistics office, Dept. of Agri.

### COLORADO.

Wray, Colo., Aug. 6.—Corn here is in great need of rain.—E. W. Lambert, mgr. Shannon Grain Co.

Trinidad, Colo., July 19.—First cutting of alfalfa being marketed freely; yield and quality good. Prospects for second crop are bright, as we have plenty of water for irrigation.—Bancroft & Marty Feed & Produce Co.

### GEORGIA.

Savannah, Ga., July 28.—Our prospects for a large crop of peavine hay are very promising. Our corn acreage is large, stand good and condition excellent.—Walter R. Davis, hay and grain inspector, Savannah Grain Exchange and Board of Trade.

Savannah, Ga., July 20.—The whole state of Georgia has raised the largest crop of oats ever known in its history; and prospects for an immense corn crop are very bright. This condition will naturally curtail the consumption of western grain and we hardly look for a very good demand on grain during the coming season.—Browder & Haym.

### ILLINOIS.

Dudley, Ill., Aug. 4.—Threshing in full blast and return satisfactory on both oats and wheat, a goodly part of both being contracted at 40c and 41 respectively.—X.

Stillman Valley, Ill., Aug. 3.—Grain yield: Winter wheat, 30 to 40 bus. Not many oats threshed; will thresh this week if not too much rain. Expect good yield of oats. Corn in good condition now. We had a good rain Sunday and a shower last night.—F. H. Griggs.

In an automobile tour inspecting crops thru northern Illinois, Chicago to East Dubuque, J. H. Ware and myself estimated 42.5% of the corn observed to be seasonable, of good color and perfect stand, promising a crop with frost at the ordinary time of the year; 25.7% of the corn observed was of equal vigor, color and stand, but small and late, and will require all of September, and possibly the first week in October to make a perfect crop; 31.8% was small, sickly, yellow color and thin stand. The northern counties showed poorest condition with greatest loss of acreage. Of the oats observed on this trip 61.6% would make an average crop; 33.2% was a thin stand, and short straw with small heads that would make a very small yield; and 5.2% was so poor it would hardly pay to harvest.—J. R. Whitney, Carroll, Ia., correspondent Ware & Leland.

### INDIANA.

Central Ind., Aug. 7.—Farmers are busy threshing oats yielding 35 to 60 bus. to the acre, of good quality and standard weight.—John A. Rice.

Columbia City, Ind., July 28.—Wheat yielding 20 to 30 bus. per acre, 57 to 60 lbs., a little is shriveled. Oats a week late, now being cut; acreage large; expect an average yield of 28 to 30 lbs. Corn looks fine; average acreage.—Conrad Erne.

Indianapolis, Ind., August 9.—Indiana grain dealers fully expected the decline in wheat prices would lessen the receipts but on the contrary the movement has been steady and dealers are busy finding a market. William Calvert, a prosperous farmer of Sullivan county, has broken the record of the state this year for wheat production with a yield which averaged 45 bus. to the acre on ninety acres.—R. D. Fisher.

Evansville, Ind., July 15.—The rains of the past few days in this part of the state have created a grain famine and wheat is scarcer than it has been for the past 50 or 75 years and little of it is being delivered at the eltrs. and mills. Grain men have sent representatives out through the country in hope of buying grain but they have met with little success. The storms destroyed a great deal of wheat in shock and the losses to the farmers will be quite heavy. Price on wheat remains at \$1.10 but very little of the new grain is being moved. One large mill here is closed down because of the scarcity of wheat and many of the big mills are running on short hours.—C.

### IOWA.

Holstein, Ia., Aug. 7.—Oats of good quality, but yield will be light, about 35 bus. Rye very poor, nothing but feed, about 18 bus. average test 35 lbs.—Anton Grones, mgr. Farmers Eltr. Co.

Toeterville, Ia., July 30.—We will have a good quality crop here this season. Cutting of oats begins first week in Aug. Corn outlook fine, but we need rain. An average yield of small grains of good quality expected.—H. D. Mundt, mgr. John Mundt & Son.

Perkins, Ia., July 20.—Cutting of oats and barley has just commenced in this neighborhood and both promise an average crop. Oats are thin and ragged, but show no signs of rust. Barley is a fair crop, but dark in color. Practically no wheat. Corn prospects are excellent, with acreage 20% above average. Hay crop good and going into the stack in fine condition this week and last.—Geo. H. Barber.

Carroll, Ia.—In an automobile tour inspecting crops in Iowa in July, we estimated the corn seen in cribs from roadside from Clinton to Cedar Rapids at 9,000 bus.; C. R. to Waterloo, 48,000 bus.; W. to Des Moines, 72,000; Des M. to Carroll, 83,000; Carroll to Correctionville, 34,000; C. to Sioux City, 20,000 bus. In We placed the average stand at 1% stalks to the hill in both Iowa and Nebraska. We estimated 37.3% of the corn observed in Iowa to be seasonable, that is, of good stand and color, promising a fair crop with frost at the ordinary time of the year; 41.4% we found of equal vigor, color and stand, but small and late, so it will require all of Sept. and perhaps the first week in October to make a perfect crop; 21.3% of the corn observed was small, of sickly yellow color and thin stand. Of oats observed 45.3% would make an average crop; 41.1% showed a thin stand, short straw and heads so small it could make very small yield; 13.6% was so poor it would hardly pay to harvest.—J. R. Whitney, correspondent Ware & Leland.

### KANSAS.

Zenda, Kan., July 26.—Wheat yield about 20 bus., testing 60 to 64; dry and plump, finest ever raised in Kingman Co., Kan. Field corn in roasting ears.—E. E. Baird.

Warwick, Kan., July 27.—A very good prospect for corn crop. Wheat is good, 28 to 40 bus. Oats crop fairly good with an average of 35 bus. Most of the grain is in the stack. Alfalfa is fine.—F. A. Schaaf.

Monument, Kan., July 24.—Our wheat harvest is fully one month late, caused by excessive rains that brot up a second growth. Wheat seems to be filling fairly well and will begin heading in this late wheat next week. Considerable wheat has been cut and bound, but very little headed to date. I have 1,000 acres to harvest and will have the best yield I ever had in this locality.—J. A. Kyle.

### MARYLAND.

Baltimore, Md.—A rain at time our early wheat was in blossom blighted the head and reduced the yield one-half. It is badly shriveled and 90% of it will not grade better than No. 3. Much of it is chicken feed. The prospects were so good right up to the time of cutting every one is greatly disappointed by the out-turn.—Chas. England.

### MICHIGAN.

Caro, Mich., August 7.—We are now harvesting a fairly large crop of hay, wheat, oats and some rye. The bean and corn crops promise good.—M. H. Vaughan & Sons Co.

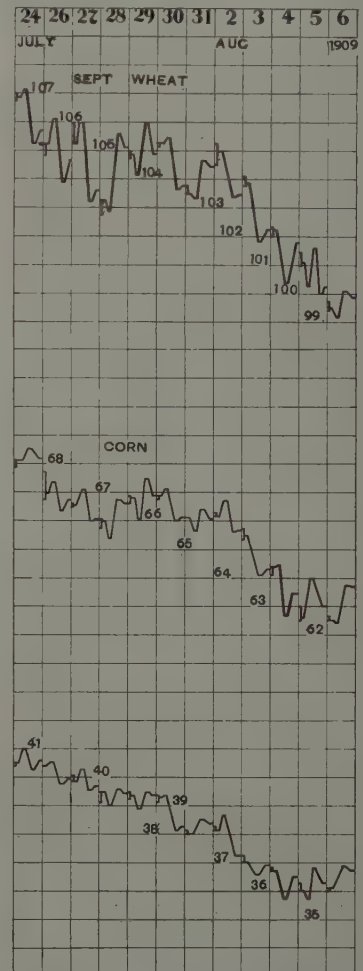
Ypsilanti, Mich., July 28.—An average wheat crop; yield 25 to 30 bus. of 60 to 62 lbs. Oats acreage above average; condition fair. Too much dry weather. Crop of rye assured.—Martin Dawson.

Detroit, Mich., Aug. 7.—"Crop conditions in the state were seldom, if ever, better. Threshing is in progress in many districts and large quantities of wheat are being delivered to the mills and elevators. Tho the acreage devoted to wheat is smaller than in previous years the quality is excellent and the yield is better than last year. Oats are good and corn is looking well in many places. Hay is about harvested and is in prime condition owing to the continued dry weather of the past two weeks."—Wm. V. Brace, Commercial Mills.—B.

Lansing, Mich., August 6.—General reports on wheat indicate an excellent quality and the yield somewhat above the average; it is believed that the final estimate which will be made Oct. 1 will considerably exceed the present figures. The average estimated yield per acre in the southern counties is 19 bus., in the central counties 16, in the northern counties 15, and in the state 17 bus. The per cent of plowing done for wheat in the state, southern and central counties is 11, and in the northern counties 10. The total number of bus. of wheat marketed by farmers

## Chicago Prices

The opening, high, low and closing quotations on wheat, corn and oats for the September delivery at Chicago for 2 weeks prior to Aug. 10 are given on the chart herewith.





in July at 91 mills is 115,792, and at 55 elevators and to grain dealers 117,894, or a total of 233,686 bus. The estimated total number of bus. of wheat marketed in the twelve months, August, July, is 5,500, 000; add to this amount 2,900,000 bus. sold by the farmers for seed and home consumption and the indications are that the crop of 1908 has been entirely disposed of by the producers. Eighty-eight mills, elevators and grain dealers report no wheat marketed in July. Estimated yield of rye per acre in the state and southern counties is 15 bus. and in the central and northern counties 14 bus. The condition of corn as compared with an average in the state and southern counties is 84, in the central counties 83 and in the northern counties 87. The condition one year ago was 75 in the southern counties, 82 in the central counties, 92 in the northern counties and 79 in the state. The estimated average yield of oats in the state, southern and central counties is 29 bus., and in the northern counties 26.—F. C. Martin-dale, sec'y of state.

## MINNESOTA.

Minneapolis, Minn.—I don't expect a bumper crop like some of them but believe the conditions in the Northwest are now satisfactory.—W. Thexton.

Canton, Minn., Aug. 5.—Crops around this locality as a whole are very good, but we must have a few more rains for the corn and potatoes, or we will be without them. We have had no rain to speak of for 30 days.—X.

Boyd, Minn., July 24.—For several years have seen no better outlook for wheat than at present. The stand is good and it is filling out splendidly in this cool weather. Without overstatement it will yield 16 to 20 bus. per acre. Acreage not very large, but somewhat larger than last year. More coarse grains sown this year than customary. The acreage of flax is small. Barley will be fairly good in yield; about 40% of it can be new. Some early varieties of oats are being harvested now. Oats will be a fairly good yielder this year.—A. L. Johnson, agt. Eagle Roller Mills Co.

Minneapolis, Minn., July 31.—Around Warren, Minn., where there was too much rain about the middle of July, wheat is so far reduced in vitality that black rust may possibly do some damage. Around Pierre, S. D., all crops have been badly damaged by drought. A severe hail storm in central South Dakota, largely in Beadle County, caused much damage Friday, the 30th. Aside from these spots we know of no misfortunes to the maturing crop. Barley is not turning out so well as it promised. Progress of harvest shows that there is a great deal of light barley. Corn, oats, wheat and flax are all promising better crops than we have had for some years. In South Dakota considerable wheat is already in shock, and except in North Dakota, wheat harvest will be general by Aug. 5.—Van Dusen-Harrington Co.

## MISSOURI.

Wakenda, Mo., July 28.—We have a fair crop of wheat, but threshing is progressing slowly on account of rainy weather; no threshing this week for that reason. Corn is fine and the rain has assured our crop. Hay a fair crop the some damaged in the swath. Oats a fair crop. Have not heard of any oats threshing in this section yet.—W. F. Circle, mgr. Wakenda Eltr. Co.

Columbia, Mo., August 7.—The quality of wheat is at the best, being 92.8 as compared with 82 at the same time last year and 90 per cent. two years ago. A large per cent. of the wheat will grade No. 2. There has been 4.8 per cent. damage in the shock, and about 7 per cent. has been lost by overflow. The yield per acre, however, will be the estimate of last month. Threshing has progressed very satisfactorily, and 41.7 per cent of the crop is now threshed as compared with 41 per cent. at the same time last year, and 27 per cent two years ago. Prospects for corn continue very flattering. While somewhat wet, the corn has been receiving enough moisture to cause a heavy growth. The condition is 88 per cent, as compared with 86 for last month, and 76 for the ten year average on August 1. The percentage of loss by overflow has been very great in the northeast and northwest sections where many of the largest streams are located. There has also been considerable loss near the smaller streams all over the state. Owing to the lateness of the season very little of the overflowed land will be replanted. The per cent. of loss is 7.6 as compared with a loss of 14 last year. As the percentage of acreage this year is not quite so large as the normal, the present acreage is just about normal. The growth of the corn this year has been very luxuriant.

Only a little of it has begun to fire. A few counties in the extreme southwestern part of the state are troubled somewhat with dry weather but other parts of the state have been having an abundance of moisture. With good rains from now on the prospects are very flattering for a big corn crop. Oats, as a rule, are making a very satisfactory yield, and our final reports taken in the fall probably will show the largest crop for several years.—Geo. B. Ellis, sec'y state board agri.

## NEBRASKA.

Berwyn, Neb., July 18.—Wheat will yield about 10% less than last year. Oats poor; corn good; threshing will begin about the 19th.—Miller & Wirt.

Rosalie, Neb., July 28.—Crops here look fine. Heavy winter wheat cut. Corn in excellent condition.—Peter Christensen, agt. McCaull-Webster Eltr. Co.

Kimball, Neb., Aug. 7.—Harvest just commencing; wheat half crop owing to black rust; oats about the same.—Bert Larson, mgr. Kimball Grain Co.

Nickerson, Neb., July 22.—Threshing is in progress here. Wheat making from 22 to 30 bus. per acre of good quality testing from 60 to 62 lbs. per bu.—J. C. Brown, agt.

Moorefield, Neb., July 27.—The wheat crop is good but will move slowly on account of the drop in the market. Corn presents a very attractive appearance, but needs rain to make it a bumper crop.—James Pearson, agt. Shannon Grn. Co.

Saronville, Neb., July 30.—A great deal of grain came to market here last week; but since July 24 no threshing has been done on account of damp weather. Wheat yield from 20 to 30 bus. per acre.—Robert Anderson, mgr. Saronville Farmers Grain & L. S. Co.

In a crop inspecting tour by automobile, entering the state from Sioux City, Ia., to Stanton, Neb., J. H. Ware and myself saw from the roadside 17,000 bus. of corn in cribs on farms. From Stanton to Columbus, Neb., we estimated 22,000 bus. in cribs; and from C. to Omaha, 7,000. Of growing corn along this route we estimated 70.3% as seasonable, i. e., of good color and stand and promising a good crop under ordinary conditions; 22% we found of equal vigor color and stand, but we estimated late it will require all of September and perhaps a week in October to make a perfect crop; 7.7% was small, of sickly yellow color and thin stand. Of the oats observed 25.1% would make an average crop; 60.4% was a thin stand, short straw and small heads that promise a very small yield; and 14.5% would hardly pay to cut.—J. R. Whitney, Carroll, Ia.

## NEW YORK.

Lodi, N. Y., July 28.—Oats, barley and hay not half a crop. Two months of dry weather. But wheat acreage ¾ of last year. Wheat is a large yield of good quality.—John C. Townsend.

## NORTH DAKOTA.

Hensel, N. D., July 24.—Harvest will be 15 days later here than last headed. Barley crop will be the lightest for a number of seasons.—W. W. Whipple, agt. Thorpe Eltr. Co.

Benedict, N. D., Aug. 4.—Growing crops look fine. We have had some hail, but it did not do much damage. Harvest will begin in two weeks.—W. S. Smith, mgr. Farmers Eltr. Co.

Ellendale, N. D., July 23.—Crop prospects are exceptionally good in this county and the present outlook for the biggest all round crop we have ever harvested. Harvesting of barley and oats is already under way.—Ellendale Grain & Pro. Co.

## OHIO.

Columbus, O., Aug. 1.—The prospect for Ohio's wheat harvest is approximately the same as estimated by this Department one month ago, showing 76% of an average, against 77% July 1. The prospect varies greatly over the state, and while in the majority of the counties it is estimated the yield will be about the same as last year, discouraging reports. Threshing to a large extent has been retarded by wet weather conditions. Some complaint of crop being damaged in shock by the continued rainfalls. Where threshing has been completed reports vary greatly as to quality of grain and were generally poor. The average date of harvesting is about one week later than that of 1908. An exceedingly short area remained for the harvest, and with the present prospect reported the total production for the state will necessarily be far below an average. While oats show a decline in prospect of 4% during the past month, the outlook is very promising and the harvest should be bountiful. In some sections of the state the crop is badly

lodged owing to heavy winds and hail storms. The present prospect is estimated at 92% compared with an average. Some few correspondents report damage by rust. Corn prospects generally not so good as indication of corn. Average dates of harvest were: Wheat, July 4; rye, July 6; barley, July 11; oats, July 12. The yield of clover hay was 1.46 tons per acre.—Ohio Department of Agriculture.

## OKLAHOMA.

Marshall, Okla., Aug. 8.—Wheat crop two-thirds threshed; fine quality; test, 59 to 63 lbs. Oats very fine quality; two-thirds threshed. Will have a fair crop of corn. It has been hurt by dry weather.—Pearson & H.

Pawnee, Okla., July 15.—Altho corn was damaged somewhat by the dry weather we will have 80% of a crop yet. Oats are all threshed and yielded good, all the way from 25 to 50 bus. per acre. Not much old corn.—Badger-Hudson Grain Co.

Guthrie, Okla., Aug. 1.—The growing condition of corn, July 25, was 64.4% compared with 90% last month and 83.9% for the month ending July 15. The percentage decrease compared with last month of 25.6%. The growing condition on the same date last year was 76.1%, a difference in favor of the crop last year at this date of 11.7%. The average yield per acre of winter wheat harvested this season is shown to be 12.2 bus., making an estimated total yield, based on 1,000,235 acres, of 12,202,867 bus. The wheat yield and grade has turned out better than most authorities expected. The average for the entire state is shown to be 59.3%. Only 2 counties in the state reported an average test of 59.3% below that of No. 2 grade, and they are unimportant as wheat counties. The average yield of winter wheat for the state last year was estimated at 12.7 bus. based on 1,328,153 acres, showing a decrease in production in the year 1909 of 4,815,020 bus. due to a decrease of 327,923 acres, or the crop of 1909 is in point of production 11.7% of the crop of 1908. The acreage sown to oats in the spring of 1909 was 456,106 acres. The average yield is estimated at 30.2 bus., showing an estimated production of 13,774,401 bus. The acreage planted to oats in the spring of 1909 was practically the same as that planted the spring of 1908. The average yield this year is 8.2 bus. increase over that of last year. The estimated total production is 3,719,473 bus. increase over that of last year. General conditions throughout the state have not been up to the standards and have been unfavorable to the growing condition of staple crops. Corn has been the principal sufferer, dropping 25.6% in 30 days, due to excessive heat, high winds, and sparse rainfall throughout the state. It appears to have been a peculiar condition. Plenty of moisture seems to have been present in the soil and as far as the corn plant was concerned, was up to a standard for this date. Intense heat, as shown by the temperature tables, was, in itself, very destructive and appears to have retarded the development of the plant from the top, killing the pollen and thus preventing fertilization. In many localities of the state the yield will be cut short on this account. Acreage of broom corn compared with that of 1908, 101.4%; acres planted in the spring of 1909, 124,251; growing condition, 70%.—Charles F. Barrett, sec'y. Okla. State Bd. of Agri.

## SOUTH DAKOTA.

Mt. Vernon, S. D., July 29.—Crop prospects very good and fine weather for harvesting.—H. E. Reed, agt. A. A. Truax.

Valley Springs, S. D., Aug. 4.—No threshing done yet.—G. W. Wright.

## TEXAS.

Vernon, Tex., Aug. 2.—Wheat crop short in this section, but corn and cotton very fair in the immediate neighborhood, the hurt some by hot winds. The crop in Oklahoma just north of here is almost ruined by the drought, we understand.—Texas-Oklahoma Grain Co.

Fort Worth, Tex., July 20.—Seventy-five replies to 100 inquiries show the following for the state: Total acreage in corn compared with 1908, 117%; condition July 15 compared with 1908, 74%; estimated yield per acre for 1909, 17 bus. About 15% of the corn acreage of the state has been destroyed by hot winds. The north Texas and Panhandle counties report the best conditions. Central and west Texas counties report the poorest conditions. Bosque, Hamilton, Erath, Johnson, west part of McLennan, south part of Bell, Brown and west part of Ellis, and the counties on the Texas & Pacific Ry. west of Weatherford report almost total failure. Fannin, Gray—(Continued on page 174.)

## Government Crop Report.

Washington, D. C., Aug. 9.—The Crop Reporting Board of the Bureau of Statistics of the United States Department of Agriculture estimates, from the reports of the correspondents and agents of the Bureau, as follows:

The average condition of corn on Aug. 1 was 84.4, as compared with 83.3 last month, 82.5 on Aug. 1, 1908, and 82.6, the average on Aug. 1 for the past ten years.

Comparison for important corn states follow:

States.	Per cent of U. S. acreage in state.	Condition—		
		Aug. 1, 1909.	Aug. 1, 1908.	10-year average.
Ill.	9.4	91	77	84
Iowa	8.6	85	83	84
Texas	7.6	60	86	76
Mo.	7.5	88	74	80
Nebr.	7.3	93	85	83
Kan.	7.2	90	76	78
Okla.	6.5	80	80	82
Ind.	5.5	94	75	85
Pa.	4.1	90	89	86
Ohio	3.5	90	85	85
Ky.	3.3	87	83	84
Penn.	3.1	78	84	82
Ala.	3.0	76	87	82
N. C.	2.7	76	79	81
Ark.	2.7	76	79	81
Miss.	2.6	69	86	73
La.	2.0	88	87	80
S. C.	2.0	84	88	81
S. Dak.	1.9	92	90	86
Va.	1.9	77	89	88

U. S. .... 100.0 84.4 82.5 82.6

Preliminary returns indicate a winter wheat yield of about 15.5 bus. per acre, or a total of about 432,920,000 bus., as compared with 14.4 and 437,908,000 bus., respectively, as finally estimated last year. The average quality of the crop is 90.3, against 90.1 last year.

Comparisons for important winter wheat states follow:

States.	Per cent of U. S. acreage in state.	Condition—		
		Aug. 1, 1909.	Aug. 1, 1908.	10-year average.
Ill.	9.4	91	77	84
Iowa	8.6	85	83	84
Texas	7.6	60	86	76
Mo.	7.5	88	74	80
Nebr.	7.3	93	85	83
Kan.	7.2	90	76	78
Okla.	6.5	80	80	82
Ind.	5.5	94	75	85
Pa.	4.1	90	89	86
Ohio	3.5	90	85	85
Ky.	3.3	87	83	84
Penn.	3.1	78	84	82
Ala.	3.0	76	87	82
N. C.	2.7	76	79	81
Ark.	2.7	76	79	81
Miss.	2.6	69	86	73
La.	2.0	88	87	80
S. C.	2.0	84	88	81
S. Dak.	1.9	92	90	86
Va.	1.9	77	89	88

U. S. .... 100.0 84.4 82.5 82.6

\*000 omitted.

The average condition of spring wheat on Aug. 1 was 91.6, as compared with 92.7 last month, 89.7 on Aug. 1, 1908, and 81.1, the ten-year average on Aug. 1. Comparisons for important spring wheat states follow:

States.	Per cent of U. S. acreage in state.	Condition—		
		Aug. 1, 1909.	Aug. 1, 1908.	10-year average.
N. Dak.	31.6	93	75	78
Minn.	31.2	92	86	82
S. Dak.	17.4	92	90	82
Wash.	4.9	90	60	85

U. S. .... 100.0 91.6 80.7 81.1

The average condition of the oats crop on Aug. 1 was 85.5, as compared with 83.3 last month, 76.8 on Aug. 1, 1908, and 83.1, the ten-year average on Aug. 1.

Comparisons for important oat states follow:

States.	Per cent of U. S. acreage in state.	Condition—		
		Aug. 1, 1909.	Aug. 1, 1908.	10-year average.
Ill.	13.4	90	58	81
Pa.	13.0	81	79	85
Minn.	8.4	89	80	86
Nebr.	7.6	80	80	79
Wis.	7.0	84	90	82
Ind.	5.6	92	58	82
Ohio	5.0	91	70	87
N. Dak.	4.6	92	73	80
S. Dak.	4.3	91	87	88
Mich.	4.1	81	85	90
N. Y.	4.0	80	90	90
Penn.	3.1	79	86	89
Kan.	3.0	83	72	87

U. S. .... 100.0 85.5 76.8 83.1

The proportion of last year's oats crop in farmers' hands on Aug. 1 was about 3.3 per

cent, or 26,323,000 bus., as compared with 5.0 per cent (38,000,000 bus.) of the 1907 crop on hand Aug. 1, 1908, and 6.3 per cent (53,000,000 bus.), the average proportion on hand for the past ten years on Aug. 1.

The average condition of barley on Aug. 1 was 85.4, compared with 90.2 last month, 83.1 on Aug. 1, 1908, 84.5 on Aug. 1, 1907, and 86.1, the ten-year average on Aug. 1.

The average condition of rye on Aug. 1, or at harvest, was 83.1, as compared with 91.4 last month, 83.3 on Aug. 1, 1908, 83.9 on Aug. 1, 1907, and 87.9, the ten-year average at time of harvest.

The acreage of buckwheat is about 801,000 acres or 0.1 per cent (2,000 acres) less than last year. The condition of the crop on Aug. 1 was 86.3, as compared with 89.4 last year, 91.9 two years ago, and 91.7, the ten-year average on Aug. 1.

The average condition of flax on Aug. 1 was 92.7, as compared with 95.1 last month, 86.1 on Aug. 1, 1908, 91.9 on Aug. 1, 1907, and 87.7, the average on Aug. 1 for six years.

The preliminary estimate of the acreage of hay is 45,581,000 acres, or 1.9 per cent (505,000 acres) less than last year. The average condition of the hay crop on Aug. 1 was 86.5, as compared with 87.3 last month, 92.1 on Aug. 1, 1908, and a ten-year average on Aug. 1 of approximately 87.

## Crop Reports.

(Continued from page 173.)

son, Hunt, Collin, Wichita, Wilbarger and Hardeman Counties make the best reports. A conservative estimate of the total corn crop of Texas for the present year, and based on the reports received, indicate a yield equal to 65% of the total crop raised in 1908.

Port Worth, Tex., August 7.—Since the issuance of crop report July 15 continual drought and hot winds have further greatly injured the crop and it is now believed that the state of Texas will not produce more than one-third as much corn this season as was raised in 1908.—G. J. Gibbs, Sec'y Texas Grn. Dealers Ass'n.

Since the reports reached this office, rain has visited several sections of the state and the temperature has moderated, which is favorable to late corn, and continued favorable weather may increase the yield to some extent. Dealers generally report the hay and forage crops in Texas are short.—G. J. Gibbs, sec'y Texas Grain Dealers Ass'n.

## WISCONSIN.

Dorchester, Wis., Aug. 9.—Crops in general never looked any better in this vicinity.—J. V. Sturmer.

Boyd, Wis., July 19.—Crops are looking fine, and if we have no heavy storms will harvest the best in three years. Hay will yield good; old meadows are not very good, but now have a nice even stand of timothy.—O. J. Amundson.

Marshfield, Wis., Aug. 6.—Rye looks good, while barley and oats are promising. However a fair yield is anticipated for all grains. Rain is needed badly, as oats are very light and should fill out more before ripening.—Sparr Cereal Co.

Chilton, Wis., July 28.—Farmers are busy cutting winter wheat, rye and barley. Present indications point to a ½ crop of barley compared with last year; but with favorable weather we should harvest fairly good barley in color and berry.—The Chilton Malting Co.

Atwater, Wis., July 27.—Barley crop all harvested; berry is good and bright in color; yield will range from 24 to 30 bus. per acre. Oats crop is ripening fast and in fair condition. Spring wheat is as good as we have had for the past 10 years.—Gustav Beske.

Milwaukee, Wis., July 13.—Wisconsin prospects for grain were never better. Fewer complaints have reached us from farmers than ever before. Barley looks particularly good. Few scattering reports about bad oats. There is less grain in first hands than I have ever known. Stocks are depleted, and there should be a good demand for the grain when it is ready to move.—B. G. Owen.

In reference to the rumor circulated in the press that the large grain elevators at our port are being diverted from their designed use to the storage of coal, I would say that the rumor is incorrect.—Frank R. Carty, sec'y Chamber of Commerce, Newport News, Va.

## Meeting of Directors of Illinois Grain Dealers Association.

The Board of Directors of the Illinois Grain Dealers Ass'n held a meeting in the Great Northern Hotel, Chicago, July 29, to take up matters pertaining to the general policy of the Ass'n. The resolutions passed by the 16th Annual Convention of the Ass'n, held at Peoria last June, were taken up and committees appointed to carry them out.

In response to the resolution in relation to steel cars for grain, a number of letters were read from different railroads acknowledging receipt of the resolution, and several of them stating that steel cars for handling grain would be the ultimate result. Several railroads reported that the matter of steel cars for handling grain was under consideration by their officers controlling the equipment department.

By an unanimous action the Board of Directors directed the Secretary to make an application for membership for the Illinois Grain Dealers Ass'n in the National Council of Commerce, whose headquarters is at Washington, D. C., believing that it would be to the interest of the grain trade to be in touch with the department of Labor & Commerce of the General Government, and President Montelius stated that if a membership was granted on the application that he would appoint Mr. E. M. Wayne, Delavan, Ex-Pres. of this Ass'n, to be the delegate.

A communication was received from R. Kirkland, Freight Claim Agent of the Illinois Central R. R., advising that at a meeting of the National Ass'n of Freight Claim Agents held at Old Point Comfort, Va., last June, a resolution was passed, authorizing the President of the Freight Claims Ass'n to appoint a committee of five to meet a like committee from the Illinois Grain Dealers Ass'n, to take up the matter of claims, and discuss them with a view of arriving at the best practical method for their adjustment.

The committee appointed by the Freight Claims Association are: Mr. R. Kirkland, Chairman, Freight Claim Agent, Illinois Central R. R., Chicago; Mr. G. W. Davis, General Freight Agent, Vandalia Line, St. Louis, Mo.; Mr. A. A. Hayes, Freight Auditor, A. T. & S. F. Ry., Topeka, Kansas; Mr. W. O. Bunker, Freight claim agent, C. R. I. & P. Ry., Chicago; Mr. J. D. Shields, Auditor of Freight Accounts, C. B. & Q. Ry., Chicago.

By action of the Board of Directors President Montelius was empowered to appoint a committee of five of the Illinois Grain Dealers Ass'n, to meet the committee of the Freight Claims Ass'n, which he did, as follows: Mr. Wm. R. Bach, Attorney, Bloomington, Ill., Chairman, Manager of the Claims Department of Illinois Grain Dealers Ass'n; Mr. R. C. Baldwin, Bloomington, Ill.; Mr. E. M. Wayne, Delavan, Ill.; Mr. Geo. D. Montelius, Piper City, Ill.; Mr. S. W. Strong, Pontiac, Ill.

The time and place of the meeting of these committees to be determined by correspondence.

The following dealers having made application to the Board of Directors, and their application being duly approved by two members in contiguous territory, by an unanimous vote were received as members of the Illinois Grain Dealers Ass'n: Coulson & Adams, LaHarpe; C. L. Grimsley, Swan Creek; Risser-Rollins Co., Kankakee; Freburg & Tucker, Wal-



nut Grove; Hunter Grain Co., Macomb; H. Van Beuning & Co., Emden; T. F. Young & Son, Abingdon.

President Montelius appointed the various committees as required by the Constitution and By-Laws of the Ass'n, and directed the Secretary to advise them of their appointment.

After a general discussion of matters relating to the Ass'n the Board adjourned.

## Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain dealers should send us their query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

### ADDRESS OF MANUFACTURER OF "ONE MAN" CAR MOVER WANTED.

*Grain Dealers Journal:* Will a reader of the Journal please give me in this column the address of the firm that makes the "One Man Car Mover"? I think it is made in Iowa.—P. B.

**WHAT IS BEST MILL FOR GRINDING CORN ON COB?**

*Grain Dealers Journal:* Will some grain dealer who has had experience with different mills kindly inform us what mill is best suited to grinding corn on the cob and other grains into feed?—Reardon Brothers, Midland, Mich.

### WHAT IS GAINED BY GIVING FREE STORAGE?

*Grain Dealers Journal:* I would like very much to know what country elevator men gain or even think they gain by storing grain free for farmers. I have seen it done in different ways at different stations and never knew of a dealer's profiting by the practice enough to compensate him for the use of his storage room. I keep my bins for the grain of those who wish to sell. Farmers, who wish to hold their grain and speculate on the market expect to realize a profit therefore should be willing to supply their own storage room or pay a good price for the use of the elevator man's bin room.

Competition leads men into doing more fool things than any influence except the smiles of a woman. For one, I think the time is at hand when the country elevator men can no longer afford to indulge this folly.—G. G. Breene.

### WHICH INSPECTION GOVERNS?

*Grain Dealers Journal:* A buys of B, a dealer at the Terminal Market of Kansas City, Mo., several cars of No. 2 white corn at a certain delivered price c. a. f. at station of buyer A. Neither the buyer nor seller mentions in original offer, acceptance or confirmation, which official market grades shall govern the deal. B furnishes to A the Missouri State Inspection showing grade No. 2 white. On arrival of cars at destination the Official Board of Trade Inspector also reinspection shows the corn to be No. 3 white very dirty and containing from 8 to 10 per cent rotten grains.

Which inspection should govern the deal, where the grain was sold, delivered buyer's station as No. 2 white, and in the absence of any stipulation, that K. C. grades should govern?—A. B. A.

## Letters From Dealers

[Here is the grain dealers forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

### HAVE ADOPTED UNIFORM RULES.

*Grain Dealers Journal:* I take pleasure in announcing the following additions to the list of those who have adopted the Grades of Grain promulgated by the National Ass'n at its St. Louis Convention:

Cleveland Chamber of Commerce, Cleveland, O.; Mansfield Chamber of Commerce, Mansfield, O., with the following additions to take care of conditions peculiar to the Mansfield market:

"MICHIGAN No. 2 Rye, shall be Michigan grown grain, dry, sound, sweet, and contain not more than one per cent of other grain or foreign matter, and weigh not less than 56 lbs. to the measured bushel."

"WISCONSIN No. 1 Rye, shall be Wisconsin grown grain, dry, sound, and contain not more than one per cent of other grain or foreign matter, and weigh not less than 56 lbs. to the measured bushel."

The grades of grain adopted by the National Ass'n were adopted by the following grain exchanges, effective July 1, 1909:

Toledo Produce Exchange.  
Cincinnati Chamber of Commerce.  
Peoria Board of Trade.  
Buffalo Corn Exchange.  
Detroit Board of Trade.  
Albany, New York, Board of Trade.

St. Louis Merchants' Exchange, with the exception that the test weight of Red Winter Wheat be one pound higher than is provided in the rules.

Endorsed by the following organizations:

Chicago Board of Trade, with the stipulation that some slight charges might be advisable.

Illinois Grain Dealers Ass'n.  
Indiana Grain Dealers Ass'n.  
Kansas Grain Dealers Ass'n.  
Millers National Federation.  
Fraternity of Operative Millers.  
Ohio Millers Ass'n.  
Indiana Millers Ass'n.

In justice to the general subject of Uniformity, I think it proper that mention be made here of those markets, departments, and associations which adopted or endorsed the recommendations of the first Uniform Grade Congress. Without repeating those mentioned above, they are as follows:

Norfolk Board of Trade.  
Minnesota State Department.  
Philadelphia Commercial Exchange.  
Pittsburg Grain & Flour Exchange.  
New Orleans Board of Trade.  
Nashville Grain Exchange.  
Louisville Board of Trade.  
Galveston Board of Trade.

Jno. F. Courcier, Secy., Toledo, O.

### FAVOR REVISION OF HAY GRADES.

*Grain Dealers Journal:* I am inclosing you a copy of a motion and resolution adopted yesterday at a meeting of the North-Eastern Indiana Hay and Grain Producers and Shippers Ass'n:

WHEREAS, We have long recognized the present National Hay Ass'n grading rules as being defective and conspicuously inad-

equate for attaining a uniform conception and a uniform practice in applying them in the grading of hay in the various shipping centers and in the various consuming markets; and,

WHEREAS, We believe National Hay Ass'n control or supervision of hay inspection and weighing practical and urgently desirable, be it

RESOLVED, THAT WE COMMEND the action of the National Hay Ass'n in assuming THE EMPLOYMENT OF A SPECIALIST for the ensuing year for the purpose of making a thoro and competent investigation of existing conditions with respect to the adequacy of the present grading rules and the practice of hay inspection and weighing with the view of determining and recommending for the National Hay Ass'n at its next convention a system of grading specifications and a plan for the National Hay Ass'n control or supervision of hay inspection and weighing.

It is my personal opinion that the National Hay Ass'n has never taken a more progressive and desirable step than that relating to the proposed revision of the grading rules and the proposed assuming control or supervision of inspection and weighing. The future of the hay business rests upon these questions and as a shipper I earnestly desire to see the instructions of the convention carried out effectually by the Board of Directors.

This action upon the part of the North-Eastern Indiana Producers and Shippers may serve to call the attention of similar organizations to their opportunity in this connection. Yours very truly, Thos. P. Riddle, Ft. Wayne, Ind.

There is nothing particularly self-sacrificing in striking up a friendship with your competitor in business. It may benefit both.

J. B. Clore of Franklin, Ind., has been elected superintendent of judges for the National Corn Exposition at Omaha in December.

J. B. Jones, a pioneer farmer near Harrisburg, S. D., has gone crazy as the result of study to propagate a new species of corn.

Gas from cotton seed is being experimented with as a fuel for gas engines.

Real rubber from wheat is said to be the product of a chemical process recently invented.

"Conditions Affecting the Value of Market Hay" is the title of Bulletin 362, of the U. S. Department of Agri., advising farmers to produce the highest grade of hay by keeping their meadows pure and by proper methods of cutting, curing and stacking.

The Indian government proposes to erect American elevators of large capacity at Sukkur and Samasatta and others at Multan, Sargodha, Todateksingh, Gojra, Lyallpur, Chiniot Road, Sangla Hill, Kasur, Ferozepur, Bhatinda, and Ambala, to feed a shipping elevator at Karachi, the entire wheat traffic being thus expeditiously handled in bulk, not in sacks, throughout rail and ship transit. The early adoption of the elevator system is apparently inevitable on all grounds.

Oats have declined to a point where consumption is being increased, and where less patent feed will be used. Prices are off about 15c from last year, as they average nearly 55c here for the season. Old oats have all been cleaned up. With the large crop this year there will be more or less waste and, with prosperity there will be a greater consumption, as the animals will get more oats both in the cities and on the farms, and there will be less sold. Barley is a good crop, and as it is selling at low prices there is a prospect that a good part of the surplus will be exported.—H. L. Goemann.

## Meeting of the National Hay Association.

The 16th annual convention of the National Hay Ass'n., held at Cedar Point, July 27, 28 and 29, was one of the most successful gatherings held by this organization. The opinion of those present and participating in the debates, is that the Ass'n. is stronger to-day than ever, because it has at last succeeded in harmonizing the different factions interested in the hay rate case.

While the high temperature was distressing much of the time, still the loyal supporters of the organization braved the heat of the Convention Hall, and struggled with the Association's problems, adopting a new Constitution and By-laws, and placing the hay rate case in the hands of Mr. C. S. Bash of Ft. Wayne, with power to call upon members for assistance. Mr. Bash's knowledge of railway methods, practices, and the laws governing transportation companies, will enable him to push the matter successfully.

One of the pleasantest events of the occasion, was the 3rd Annual Banquet of the Ex-Presidents, the first night of the meeting. Twenty-one attended the dinner, 12 of whom were Ex-Presidents, all interested in the welfare of the organization.

The Convention was of unusual interest throughout; the papers and addresses were given close attention and careful consideration. One of the saddest events of the occasion was the explosion of a mortar during the fire-works, the first evening, by which one man was killed and two injured.

E. H. Culver, Chief Inspector, of Toledo, was Chairman of the Entertainment Committee, and unwittingly added many laughs to the occasion by his early announcement of the boat-ride tendered the ladies, in which he took particular pains to emphasize the fact that there would be no charge for admission to the boat, and all that was necessary for the ladies to wear was the Association badges. After that Mr. Culver was pestered to death with many efforts on the part of the wits in attendance. It was rumored that he had resigned his position on the

Committee, but the following day found him busy as before.

The report of the Treasurer showed the Association to be in much better condition than last year, the balance on hand being \$3,788.97. The election of officers resulted in the selection of the following: Pres. H. W. Robinson of Greenspring, Ohio. First Vice-Pres. Smith Young of Lansing, Mich. Second Vice-Pres. Cyrus Bates of Boston. The Directors elected to succeed those whose terms expired this year were: Morris Neizer of Ft. Wayne, J. W. Beattie of Philadelphia, Geo. S. Loftus, St. Paul, Minn., C. E. Springer, Moravia, N. Y., and C. E. Nichols of Lowell, Ind.

A few dealers remained after adjournment to enjoy the bathing at the fine Cedar Point beach.

All of the Eastern hay markets were well represented, Pittsburg, New York, Philadelphia, Baltimore and Boston, sending large delegations.

The election of J. Vining Taylor of Winchester, Ind., as Secretary for the ensuing year, met with the general approval of all in attendance. Mr. Taylor has been the assistant to Ex-Secretary Goodrich for several years, and is thoroughly familiar with the work of the organization, hence affairs should not suffer thru the change.

**SOUVENIRS:** Among the souvenirs distributed at the Convention, was a match box distributed with the compliments of the Pittsburg delegation; a turtle paper-weight with the compliments of R. S. McCague. A bull and bear medal with the compliments of the Merchants Grain Co.; wood bale tags with the compliments of the Shiloh Milling Co.; pencils with the compliments of S. G. Fairbank & Co., and Geidel & Dixon; whistles with the compliments of the Grain Dealers Journal, and souvenir post cards with the compliments of Stanley & Harlow, and S. G. Fairbank; blotters in sets with the compliments of W. D. Power & Co.

Two railroad men were requested to leave the Convention Hall, and did so.

The exhibits of samples of hay attracted the usual interest.

## Will Revise Hay Grades.

These resolutions were presented to the National Hay Ass'n convention embodied in the report of the special committee of ten, consisting of five shippers and five receivers appointed to consider and revise the report of the Grades Committee. These resolutions were adopted unanimously by the Ass'n at Cedar Point July 29:

**RESOLVED,** That this committee report to the Ass'n that we recommend that the present rules for grading stand in effect during the ensuing year. That the Committee on Grades be instructed to investigate and solicit suggestions for an improved system of specifications to govern the grading of hay and that the Committee on Grades be instructed to confer with the United States Agricultural Department with a view of securing some system that will meet with the approval of this Ass'n and the Agricultural Department.

**RESOLVED,** That this committee, appointed by the Ass'n to report upon the Grades Committee's recommendation concerning National Hay Ass'n's assuming Control of Hay Inspection and Weighing, report to this convention recommending that the Ass'n employ the services of an expert for the ensuing year to visit the various shipping centers and receiving centers of the country for the purpose of making a thoro investigation of the present system and practice of hay inspection and weighing and that this employee be under the authority and direction of the Executive Committee of this Ass'n to work in harmony with the Grades Committee.

**RESOLVED,** That we recommend to this Ass'n that the Grades Committee be instructed to publish and distribute according to its judgment all suggestions received for the information of the membership and that the expense be defrayed by the Ass'n.

## May License Tickers.

Governor Hughes Commission to investigate the New York exchanges among many other excellent recommendations, made one which should greatly assist in the regulation and eventually the extermination of bucket shops.

The commission severely condemns dishonest advertising of financial enterprises, and recommends penal legislation applying alike to the advertiser and the publisher of the advertisements. Progressive penalties are recommended for the offense of keeping bucket shops.

"Tickers carrying the quotations should be licensed and bear a plate whereon should appear the name of the corporation, firm, or individual furnishing the service or installing the ticker, and a license number. Telegraph companies buying or transmitting quotations from the exchanges should be required to publish semi-annually the names of all subscribers to the service furnished, and the number and location of the tickers, in a newspaper of general circulation published in the city or town in which such tickers are installed. In case the service is furnished to a corporation, firm or person, in turn supplying the quotations to others, like particulars should be published. A record, open to public inspection, should be kept by the installing company showing the numbers and location of the tickers. Doubtless local boards of trade, civic societies and private individuals would, if such information were within their reach, lend their aid to the authorities in the enforcement of the law.

"Measures should be taken also to control the direct wire service for the transmission of quotations and for the prompt discontinuance of such service in case of improper use thereof. In short, every possible means should be employed to prevent bucket shops from obtaining the continuous quotations, without which their depredations could not be carried on a single day."



Pres. H. W. Robinson, Green Spring, O.



Sec'y J. Vining Taylor, Winchester, Ind.



## New Concrete Elevator at Chicago.

So many of Chicago's wooden elevators have been burned during recent years no one now considers the use of combustible material when erecting a new grain handling plant. Hence it was but natural that Frank Marshall and J. E. Bastien in planning an addition to their salvage plant at Hayford Station, Chicago, should have decided to use reinforced concrete. The plant is located on 75th Street where the Grand Trunk crosses the Belt Line, so it is accessible to all lines entering the city.

The new fire proof storehouse is complete within itself and can be operated independent of the old elevator. Its heavy foundation is of concrete and brick, the brick work being set on a reinforced concrete slab 10 in. thick. The basement story is 12 ft. wide and 8 ft. high. Above the foundation arise thirteen reinforced concrete hopper bottomed bins. The two large bins are 26 x 80 and the eight small bins are 14 x 80. Three other small bins are formed by the convex surfaces of the other bins. The concrete walls are 7 inches thick from the foundation to top. All floors and roofs are of concrete, while the conveyor gallery on top of the tank, which is 12 x 12 x 106, is constructed of brick. A special 24-inch 4-ply rubber conveyor belt and tripper in the gallery above carries the grain to any bin desired and a like conveyor below takes the grain from any bin to the boot of the leg in the working part.

The wood working part which stands between the tanks and the old Hayford Elevator is 16 x 27 covered with corrugated iron. This part contains one leg with two rows of buckets 10 x 7 ins. each; the buckets of each row being attached to a special 22 inch 6-ply rubber belt half way between the buckets of the other row. The working house also contains a Constant Man Lift, a stairway, Weller Power Shovels, and a folding receiving sink.

Power is supplied from the power plant of the old elevator which adjoins the new elevator. The new elevator was designed and erected under the supervision of C. M. Seckner.

The old elevator which stands between the new elevator and the Hess Drier of large capacity is equipped with track scale, cleaner and clipper. Paul J. Blume is supt. of the entire plant.

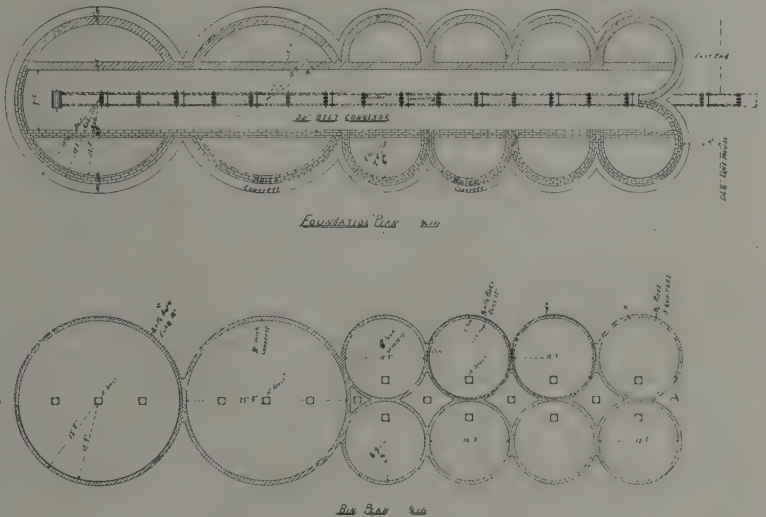
The first urgent demand by mills is about satisfied. Receipts continue liberal. Premiums will now disappear for cash and stocks will begin to accumulate. The three northwestern states will raise 225,000,000 wheat, rust or no rust.—Armour Grain Co.

## Grain Duties Unchanged.

The new tariff law makes no changes in the duties on grains, which are 30c on barley, 15c on buckwheat, 15c on corn, 15c on oats, 10c on rye, 25c on wheat and 25c on flaxseed, per bu., and 2c on rice per lb.

On broomcorn, which was free of duty, a rate of \$3 per ton has been imposed.

On seeds not enumerated in the old law, the following duties have been imposed: Spinach seed, 1c; carrot, parsnip, radish, turnip and rutabaga seed, 4c; on cabbage seed, 8c and on egg plant and pepper seed 20c per lb. On seeds not especially provided for the duty will be 10c per lb.



Foundation and Bin Plan of Frank Marshall's New Elevator.



Frank Marshall's Elevator at Hayford Station, Chicago.

## Feedstuffs

The annual meetings of the National Dairy and Food Commissioners and the Ass'n of Official Agricultural Chemists of the United States will be held Aug. 26-28 at Denver, Colo.

The states having new feed laws effective in 1909 or 1910 are Indiana, Kansas, Maine, New York, North Carolina, Oregon, Pennsylvania, Tennessee, Virginia, Washington and Wisconsin.

Alfalfa growers do not get all there is in it, for want of care while curing. E. N. Sapp, pres. of the Alfalfa Products Co., of Hutchinson, Kan., says alfalfa should be well cured to get the best price for it; and all of the green should not be taken out of it.

No tax is placed on feedstuffs by the new law which went into effect Aug. 1 in Pennsylvania. The use of rice hulls, peanut hulls and weed seeds as adulterants is prohibited in concentrated commercial feeding stuffs. The amount of ground corn cob and oat hull permissible is limited.

More than 50 alfalfa meal mills have signified their intention to have exhibits at the National Alfalfa Products Show at Wichita, Kan., Sept. 20 to 23. All the manufacturers of machinery will have exhibits. The National Alfalfa Millers Ass'n will hold its annual meeting at Wichita the same week. Arrangements for the big show are progressing satisfactorily under the management of Alva T. Wing, sec'y.

The clause in the Ohio feed law of 1908 requiring statement of the proportions of corn, oats, rye, wheat, wheat bran, wheat middlings, cottonseed meal, linseed meal, oat hulls, rice hulls, corn cob or other product contained in commercial feeding stuffs is not being enforced by the Ohio Department of Agriculture on an opinion by the attorney-general of the state that a law compelling manufacturers to disclose trade secrets on their tags is unconstitutional.

Exemption from feed laws of the feeds that are alleged by the manufacturers thereof to contain a medicine or condiment seems to be based on the theory that these manufacturers must not be required to divulge their ingredients or formula lest their business be ruined. If the ingredients were known the farmer could buy them at the drug store at a great saving. To the extent that these medicinal stock foods are a fraud on the farmer's pocket book they should not be favored by law.

The Supreme Court of Iowa on July 1 decided against Swift & Co., and in favor of a cattle feeder named Redhead, against whom Swift & Co. had brought suit in the district court of Polk County, Iowa, to recover for 8 tons of blood meal. Swift & Co.'s agent had represented to Redhead that the blood meal, containing 87 per cent protein, was a cheaper source of that ingredient than cottonseed meal, that it would prevent scours and fatten the cattle. The evidence was that the cattle, altho well cared for, scoured and did not increase in weight to exceed 75 to 100 lbs. each during the 60 days they were given the blood meal; whereas, without such food like 3-year old steers ordinarily increase on full feed from 120 to 150 lbs. a head in that time. As the sale had been made for a specific purpose on the assurance by the seller that the

feed was suitable, the court held that the jury might have believed the feed worthless and hence there could be no recovery for want of consideration.

The New York feed law, effective Jan. 1, 1910, requires a license fee of \$25 for each brand annually. The analysis must state protein, fat and fiber. There is no tax per ton, no standard weight per bag is required, and no standard analyses have been adopted. Fines will be \$50 to \$100 for adulteration or being below guarantee, and double fine for subsequent offenses. If a compound feed the name of each ingredient must be stated; if artificially colored the name of the material used to dye must be stated. The number of pounds contained in each package must be stated thereon.

A mixture of wheat bran and ground corn cobs with practically no ground corn kernel is an adulteration within the meaning of the federal law in that ground cobs are substituted in part for ground ear corn, whereby its quality and strength are lowered. In the case of the United States against the Capitol Grain & Milling Co., of Nashville, Tenn., which had shipped 500 bags of feed labeled "Mixed (Bran) Feed, made from pure Winter Wheat Bran and Ground Ear Corn" and "Mixed (Middlings) Feed." The bran and cob mixture was also held to be misbranded within the meaning of the law from the fact that it contained practically no ground ear corn.

It has all along seemed to us that the millers as a class were being put to a great amount of annoyance in labeling their products mainly because the manufacturers of patent feeds have been selling things under catchy names which in some cases should not have been sold as feeds at all. It has never seemed to us to be quite the fair thing to require the analysis of a mill product to be stated on the label or the package. It is all well enough for those large plants which have their own chemists. With the miller it is largely a matter of guesswork. This, however, is an altogether different matter from the selling of mill products having in them extraneous materials which, if not readily seen by the unassisted eye, are readily discernible by the use of the magnifying glass.—*Millers Review*.

Alfalfa meal as food for man is being tried out by the Alfalfa Hay Club of Creighton University, Omaha, says the *New York World*. From the alfalfa at the mill the bright and tender leaves and a small portion of the upper parts of the stalks are selected and ground and run thru a bolting machine that turns out a meal almost as fine as flour, and having a rich brown color. This is then bleached to a cream color and sent to the culinary department of the college club, where it is cooked into alfalfa gems, muffins, pancakes, mush, all kinds of cakes and pie crust. The alfalfa gems are said to be light, palatable and easily digestible, and superior in food value to beefsteak, bread and potatoes.

## Exports of Glucose, Corn Oil and Cake.

During the 11 months prior to June 1, 1909, we exported 104,836,619 lbs. glucose, 49,282,622 lbs. corn oil cake and 48,172,686 galls. corn oil, against 120,611,207 lbs. glucose, 61,150,137 lbs. corn oil cake and 39,069,424 galls. corn oil for the corresponding period ending June 1, 1908, as reported by O. P. Austin, chief of Bureau of Statistics.

## The Loss of Weight in Drying Grain.

The moisture content and the shrinkage or loss in the weight of grain have been the cause of many misunderstandings between grain dealers and the operators of elevators and commercial grain driers, because the shrinkage and the reduction in the percentage of moisture, resulting from the drying of grain do not correspond. Occasionally operators of elevators and commercial driers have even been accused of rendering insufficient returns on grain dried, because the loss in weight due to drying always exceeds the percentage reduction in moisture.

Moisture percentages are calculated on the basis of the wet sample; that is, 100 grams of grain containing 20 per cent of moisture consists of 80 grams of dry material and 20 grams of water. If this sample is dried until the weight is reduced to 90 grams, 10 grams or  $\frac{1}{10}$  the water will be liberated; but the remaining 10 grams of water are contained in the partially dried grain weighing only 90 grams, and the fraction  $\frac{10}{90}$  in 90 is expressed in percentage as 11.1, which is the moisture content of the remaining 90 grams of grain. Taking 100 grams of the dried grain the percentage will be the same, 11.1 of water. The weight has been reduced 10 per cent, but the percentage of moisture has been lowered only 8.9 per cent. The shrinkage in weight therefore exceeds the reduction in moisture by 1.1 per cent.

The difference increases irregularly until the moisture content is reduced approximately one-half, after which it gradually decreases.

To find the final weight and shrinkage on any given lot of grain or other substance which has been dried, the original weight and the moisture content before and after drying being given, the following simple proportion may be used:

Percentage of dry matter after drying:  
Percentage of dry matter before drying:  
Original weight:  
Final weight.

By multiplying the third term by the second and dividing the product by the first term the quotient will be the final weight.

Therefore the original weight less the final weight equals the shrinkage.

If the original weight is taken as 100 per cent, which can always be done, the shrinkage found will be in percentage, but if it is desired to express the shrinkage in terms of bushels or pounds the calculation may be made as in the following example:

Problem.—What will be the shrinkage in weight on 1,000 bushels of corn if the moisture content is reduced from 25 per cent to 15 per cent?

Dry matter after drying =  $100 - 15 = 85$  per cent.

Dry matter before drying =  $100 - 25 = 75$  per cent.

Original weight of corn = 1,000 bushels.

Therefore 85 per cent : 75 per cent :: 1,000 bushels : final weight.

Completing the proportion by multiplying 1,000 by 75 and dividing the product by 85 the final weight is found to be 882.4 bushels, giving a shrinkage equivalent to 117.6 bushels, or 11.76 per cent. The shrinkage in this case exceeds the reduction in moisture content by 1.76 per cent.

To find the final moisture content of any given lot of grain or other substance which has been dried, the moisture content before drying and the weight before and after drying being known, the following simple proportion may be used:

Weight after drying:  
Original weight::



Percentage of dry matter in original:  $x$ .  
 $x$  = percentage of dry matter after drying.  
 Therefore 100 less  $x$  equals the percentage of moisture remaining after drying.

The following will serve as an example:

Problem.—If 1,000 bushels of grain containing 25 per cent of moisture are reduced to 900 bushels on drying, what will be the percentage of moisture in the dried grain? 900 bushels : 1,000 bushels :: 75 per cent :  $x$ .

Completing the proportion by multiplying 75 by 1,000 and dividing the product by 900, the value of  $x$  is found to be 83.33 per cent, which is the percentage of dry matter remaining after drying. Therefore 100 per cent less 83.33 per cent equals 16.67 per cent, which is the moisture content of the dried grain.

The grain originally contained 25 per cent of moisture, which was reduced to 16.67 per cent, or a decrease in moisture content of 8.33 per cent as the result of drying. At the same time the weight was reduced from 1,000 bushels to 900 bushels, or a shrinkage of 10 per cent. The shrinkage in weight, therefore, exceeded the reduction in moisture by 1.67 per cent.

If it is desired to find the original moisture content when the final moisture content and the weight before and after drying are known, the terms of the foregoing proportion in the following order may be used:

Original weight:  
 Weight after drying::  
 Percentage of dry matter after drying:  
 Percentage of dry matter in original.

Completing the proportion in the same manner as already described and subtracting the result so obtained from 100 per cent will give the percentage of moisture contained in the grain before drying.

The foregoing is taken from Circular No. 32 of the Bureau of Plant Industry, issued July 6, by J. W. T. Duvel, assistant in charge of laboratory methods, grain standardization, Washington, D. C. The circular contains 4 valuable tables for finding the loss in weight without computation. One of these tables gives the final moisture content of grain without making the test, provided the moisture content of the grain before drying and the weight before and after drying are known.

## How to Feed Cottonseed Meal.

A majority of feeders do not know how to use cottonseed meal and hulls in mixtures to obtain the best results. If feeders will follow the proportions approved by the agricultural experiment stations their cattle would thrive and the local dealer in feed would get the repeated calls for this article that build up trade.

For beef cattle of average weight feed 9 quarts per day of a mixture composed of 100 lbs. hominy meal or corn, 100 lbs. bran or chopped feed, and 80 lbs. cottonseed meal.

For dairy cows: 2½ lbs. cottonseed meal, 3 lbs. cornmeal, 3 lbs. wheat bran and 15 lbs. grass hay, corn fodder or clover.

For horses at average work: 10 lbs. corn and cob meal and 2½ lbs. cottonseed meal.

For hogs: 1 part cottonseed meal and 2 parts corn chops, whole corn, wheat bran or shorts, mixed with water to a thin mush in two vessels and left to sour. Other valuable formulas are given in a leaflet sent out by the Peacock Cotton Seed Meal Co., of Memphis, Tenn.

## Western Elevating Ass'n Responsible as a Warehouseman.

On an appeal from the Supreme Court of New York to the Court of Appeals the decision of the lower court in favor of the Buffalo Grain Co. against the Western Elevating Ass'n at Buffalo, N. Y., has been affirmed. The suit was brought to recover the value of a quantity of barley, of the conceded value of \$54,208.89, which was stored in the Ontario Elevator, in the city of Buffalo, and destroyed by the collapse of the elevator.

The defendant, the Western Elevating Ass'n and George F. Sowerby Co., was an unincorporated ass'n, consisting of seven or more persons organized and having its office and place of business in the city of Buffalo, and was engaged in the storage of grain in the elevators in that city which were subject to its management. The ass'n had under its control all but three of the elevators of the city under an agreement with the owners, by which all earnings for the elevating and storage of grain during a period specified were to be collected by the ass'n, and, after deducting and paying the expenses of the ass'n, the net earnings were to be divided among the several elevator proprietors pro rata according to the percentages allotted to each. The grain in question had been received by the defendant and placed in the Ontario Elevator and a warehouse receipt had been issued therefor, except as to one cargo, which had been received and stored in the elevator a day or so before the collapse of the elevator, for which the person in charge of the elevator had given a receipt which entitled the owner upon demand to receive from the ass'n a warehouse receipt therefor.

Upon the trial the chief question litigated was as to the cause of the collapse of the elevator, and as to whether the defendant was guilty of negligence with reference thereto. That question was submitted to the jury, and a verdict was rendered in favor of the plaintiff for the value of the grain against the ass'n.

The court said: "The ass'n's relation with the plaintiff was contractual. It had received the plaintiff's grain as warehouseman for the purpose of preserving and storing it, and agreeing to return it upon demand. Under the common law a warehouseman is liable for any loss or injury to the goods caused by his failure to exercise such care in regard to them as a reasonably careful owner of similar goods would exercise, but he shall not be liable, in the absence of an agreement to the contrary, for any loss or injury to the goods which could not have been avoided by the exercise of such care. This rule has been enacted into the statutes. Laws 1907, p. 1711, c. 732, § 21.

"The ass'n, as a warehouseman, must be deemed to have held out to the public this elevator as a proper and fit building in which to store grain. Buildings of this character are liable to deteriorate. They may be weakened by storms and winds, and, when constructed upon piles over waters or low lands, the piles may decay and the foundation become weak, endangering the structure. A warehouseman, therefore, in the exercise of reasonable care, owes a duty to his patrons of making reasonable inspection from time to time to see that the building remains safe and in a proper condition. Sutherland v. Albany Cold Storage & Warehouse Co., 171 N. Y. 269, 63 N. E. 1100, 89 Am. St. Rep. 815. No such relation existed between the defendant, Wheeler,

who owned the elevator, and the plaintiff. Wheeler had entered into no contract with the plaintiff to store and preserve its grain or to return it upon demand. He owed the plaintiff no duty to inspect from time to time and report if the building was found unsafe. Consequently the determination of the jury to relieve him and to hold the ass'n, the contracting party, was not an inconsistent verdict.

"The fact that the ass'n had not actually issued a warehouse receipt for a portion of the grain destroyed does not, in our judgment, affect the situation of the parties, for it distinctly appears that the grain had been delivered to and received by the ass'n into the elevator upon storage, and that the plaintiff was entitled to have a warehouse receipt therefor. The grain having been destroyed, no demand was necessary."—88 N. E. 569.

## Agricultural Possibilities in Alaska.

The area of Alaska is so great that the United States Government maintains five agricultural experiment stations in the Territory, so situated that crops may be tested under all the climatic conditions. Sitka, on the strip of coast projecting southeast, has a fairly mild climate, while the station at Rampart is close to the Arctic Circle. C. C. Georgeson, special agent in charge of all the stations, in his annual report for 1908, recently issued by the United States Department of Agriculture, declares unqualifiedly that "Alaska is an agricultural country," that good hay can be produced "in any quantity" for winter feeding, while the native grasses "can maintain live stock in excellent condition in summer." He says also that "potatoes, cabbage, cauliflower, rhubarb, turnips, lettuce, and, in short, all the hardy vegetables can be grown to perfection up to and even within the Arctic Circle, as has been proved by thousands of settlers." But, before Alaska can be largely settled, railroads and wagon roads must be built. Under present conditions, he says, "few farmers can afford to go to Alaska with their families, live stock and equipment." The expense of transportation "would equal the cost of a farm in the states."

Abundant sunshine is essential for good crops in Alaska. In 1908 the rainfall during the growing season at Sitka was 16.22 inches, against 24.76 inches the year before, and 18.91 inches in 1906. The smaller rainfall meant more sunshine, and the result in 1908 was large crops of potatoes, cabbage, cauliflower, and various root crops. The quality also was better.

Mr. Georgeson believes that Alaska has undeveloped resources sufficient for the support of a large population. But there, as he says, "Nature is stern and uncompromising, and we must submit to the conditions she imposes."

Among many interesting facts given in the report is this: Watermelons were brought to maturity out of doors on the Hot Springs Farm, which is in the Tanana Valley, in latitude 64 degrees north. It seems that on part of this farm the soil is warmed from the same source, whatever it is, that heats the water of the springs. This farm has now 150 acres regularly under crop, the greater portion devoted to potatoes.

We always enjoyed the Grain Dealers Journal and think it worth several times the price as a source of information to grain dealers.—Gaines-Ramage Co., Port Arthur, Tex.

## Grain Carriers

The Pennsylvania Railroad has just placed an order for 8,500 cars to cost nearly \$8,000,000.

A new line connecting Milwaukee with La Crosse, Wis., it is said, will be built by the Northwestern, to shorten its present line to 190 mi.

Trains will be running by Aug. 15 from Edmonton to the great lakes over the Grand Trunk Pacific, which will have 102 elevators ready for operation.

Orders forbidding loaning of cars to foreign lines have been issued at Duluth by the Northern Pacific and the Great Northern, in the expectation of a big wheat movement.

Large orders for box cars have been placed recently by the railroads. The New York Central will buy 2,400 cars and the B. & O. is about to place orders for 10,000 freight cars.

Marked improvement in railroad traffic conditions is indicated by the decrease in the number of idle cars. The last report of the roads showed the biggest decrease in idle cars for a year past.

Hearings will be held by the Interstate Commerce Commission at Chicago and Buffalo on the alleged discrimination by lake and rail lines against flour and in favor of wheat shipped from Minneapolis and Duluth to the east thru Buffalo.

All interested in uniform Bs/L laws are invited to attend a committee meeting of the Commissioners on Uniform State Laws, to be held at the Hotel Pontchartrain, Detroit, Mich., Aug. 17 and 18, to consider the fourth draft of a uniform B/L law prepared by the committee on commercial law.

The first train whistled into Edmonton July 21 from Winnipeg over the Grand Trunk Pacific. When the stretch of track between Winnipeg and Lake Superior Junction is completed in September the line will be ready to handle the 1909 crops all the way from Edmonton to Fort William, a distance of 1,238 miles.

The Illinois Traction System made its first shipment of grain from Champaign, Ill., July 23, when several cars of wheat were turned over to the C. & E. I. at Bronson. The company is building at its shops at Decatur, 35 grain cars of 80,000 lbs. capacity, to be hauled over the steam roads from the electric terminus.

Several grain trimmers narrowly escaped death by suffocation recently in the steamer Lake Manitoba at Montreal. The grain filled up the hatch and the men were unable to get out. When the men failed to appear for supper a search was made for the gang and they were found at an air shaft, none the worse for their 4 hours' imprisonment.

"All the waterways of the country are to be dug out within the next score of years, and the ocean is to be brot to the farmer," is the dictum of a circular sent out by the National Rivers and Harbors Congress to promote waterway improvement. It is evident that the promoters do not wish any inquiry as to the advisability of doing this since the circular joyfully asserts that the congressional commission of 9 which will visit the nations of Europe was not instructed to report on the advisability of spending

vast sums, but to lay plans for the accomplishment.

We have received reports that there is a car shortage in the matter of wheat movement on the Santa Fe. So far the Missouri Pacific has plenty of cars. Reports have come in that at a number of points along the Santa Fe the elevators are full of wheat and no cars to move the grain.—W. F. McCullough, pres. Board of Trade, Wichita, Kan.

Revision of the per diem charge made by one road against another for the use of cars will soon be undertaken by the American Ry. Ass'n. The charge was reduced from 50 cents to 25 cents on account of the business depression, and now is likely to be increased, as many of the smaller roads are paying the rental rather than buy cars, depriving the big systems of equipment they own.

Michigan shippers will be well represented when the committee of the National Ass'n of Railway Commissioners takes up the question of uniform demurrage rules. Frank Standart is chairman of a committee of shippers who will go to Washington to argue against the proposed code. The Michigan shippers recently adopted resolutions declaring that car service rules are matters for local adjustment and that demurrage charges would be greatly increased in this state if the tentative regulations were substituted for the present Michigan rules. Another resolution was in commendation of the present average system now in vogue in the Wolverine state, while a third calls upon carriers and shippers to co-operate in an endeavor to keep the matter of car service regulations beyond the jurisdiction of the Interstate Commerce Commission.

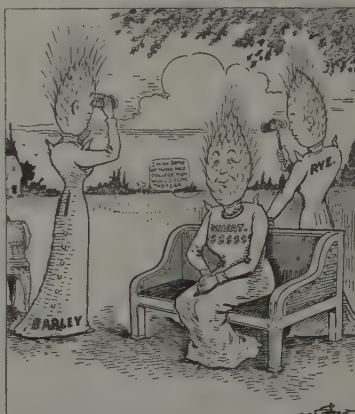
### Imports and Exports of Rice.

Imports of rice, rice flour, rice meal, and broken rice for the eleven months prior to June 1, 1909, amounted to 194,519,856 lbs.; against 185,875,516 for the corresponding period of 1907-8.

Exports of rice, rice bran, meal and polish during the 11 months aggregated 20,345,672 lbs.; against 28,286,947 lbs. during same period ending June 1, 1908.

Of foreign rice, rice flour, rice meal, and broken rice we exported 6,714,604 lbs. during the 11 months, against 8,475,661 lbs. during the corresponding period of 1907-8, as reported by O. P. Austin, chief of Bureau of Statistics.

### Men Wanted.



The Usual Shortage in the Northwest.  
—From the Minneapolis Journal.

## New Disease of Grain Discovered by Ohio Experiment Station.

Shriveling of growing wheat just after the filling of the grain has begun, in the absence of rust or scab, has been a mystery, and many good farmers have quit growing wheat and rye in Ohio, being discouraged by the sudden change on the eve of harvest from prospects for a heavy yield to a poor crop. Just after the filling of the grain had begun a noticeable change in color takes place, evidently accompanied by more or less general whitening and blighting of the wheat heads. This blight shows itself as an arrest of development and premature ripening of the grain whether the kernels are completely or but partially developed. The crop would head out and develop fairly healthful foliage, but would not give an adequate return in grain.

Specimens of diseased heads of rye, shown in Fig. 1, herewith, were received by the Ohio Experiment Station in June last year and on microscopic examination were found to be attacked by a parasitic fungus, which caused partial or total dying of the spike or head according to the point of attack, somewhat after the manner of wheat heads in case of attack by scab. Spike No. 1 is attacked near base at point A and portion above is dead. Spike No. 2 is attacked near middle at point B and portion above also is dead. Spike No. 3 shows a head of which the grain is badly shrunk from fungus attack on stem below. The farmer who sent the specimens had a growth of straw for 75 bus, but obtained only 25 bus. from a total area of over 3 acres. Examination of all the rye fields near Atwater, O., showed the same disease present, and the disease has since been found in practically every rye field visited over the whole of the state.

On superficial examination the only difference between this fungus and scab is the absence of the pink covering, but close examination shows at the base of the dead portion of the heads dark clusters of the fungus, the dark color being due to the black hairs which characterize this fungus.

Fig. 3, herewith, shows a head and the upper portion of a culm of rye, magnified two and one-half times, both of which are affected with the fungus. Specimen 1 shows the spike with the glumes cut away in the lower half so as to show the dark fungus growth; the upper part of the head is dead from the attack. The culm on the right shows spots of the fungus distributed along the stem and on the sheath with especially marked development near the joint. After studying this illustration anyone with a small magnifying glass should be able to distinguish this disease.

Out of 67 samples of oats 56 were found affected by this fungus, which is parasitic on rye, wheat, barley, emmer, orchard grass, timothy, blue grass and chess. Its effect on the kernels of wheat and rye is shown in Fig. 2, herewith. At 1 are kernels of wheat shriveled by the fungus and at 3 are shrunk rye kernels. At 2 and 4 are normal kernels of wheat and rye. In the case of rye the loss of grain is total above the point attacked. In the case of wheat there is no localized attack and the effects are the general ones following the loss of vitality.

The spores of this new disease as well as those of the scab and the well known smuts are disseminated thru seed grain as well as from field to field by other means. The ordinary formaldehyde seed treatment is recommended by Professors



A. D. Selby and T. F. Manns, who describe and illustrate the new disease in Bulletin 203 of the Ohio Experiment Station. To this new species of fungus Professor Manns has given the name *Colletotrichum cereale*.



Fig. 2. Normal Kernels of Wheat and Rye; also Kernels Shriveled by attacks of Anthracnose.

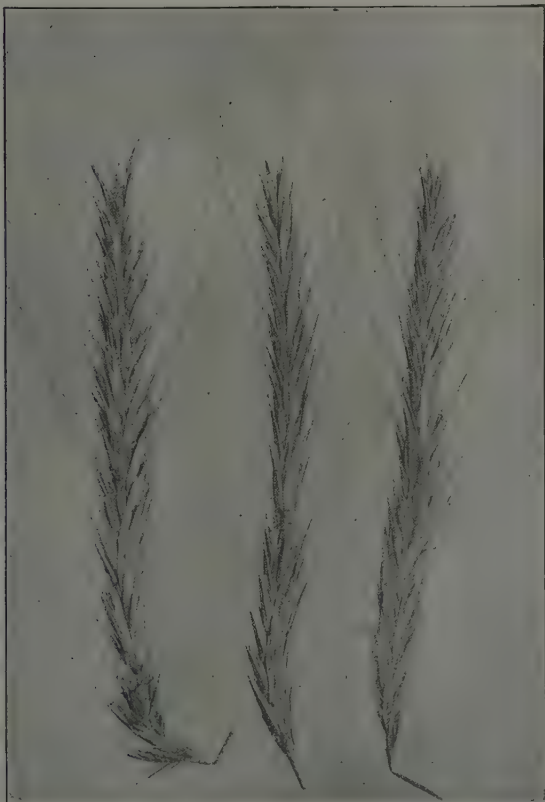


Fig. 1. Three of earliest Rye Heads received at the Laboratory, attacked by Anthracnose. Five-sixths natural size. From photo by T. F. Manns.

## Exports of Breadstuffs.

Our exports of breadstuffs during the crop year prior to July 1 included 6,416,754 bus. of barley, 35,213,240 bus. corn, 1,434,441 bus. oats, 1,271,754 bus. rye, 65,479,311 bus. wheat and 10,463,709 bbls. wheat flour; compared with 3,981,819 bus. barley, 51,715,106 bus. corn, 1,097,546 bus. oats, 2,419,755 bus. rye, 100,212,161 bus. wheat and 13,875,357 bbls. wheat flour during the crop year prior to July 1, 1908. The total value of all breadstuffs exported during the crop year ended July 1, 1909, was \$150,653,216, against \$205,350,759 during the year prior to July 1, 1908, as reported by O. P. Austin, chief of the Bureau of Statistics.

Rice has been totally destroyed in parts of Nanking, China, by a protracted drouth unequaled in extent in the memory of the oldest inhabitant.



Fig. 3. Head and Upper Portion of Culm of Rye attacked by Anthracnose. Magnified 2½ times.

# Seeds

A large per cent of the fine garden seeds sold in the United States is grown in France. In late years American growers are competing more successfully with the Frenchmen.

The T. Lee Adams Seed Co. has been incorporated at Kansas City, Mo. The capital stock is \$15,000, and the incorporators are T. Lee Adams, H. Chester Luck and Steward Taylor.

Silver hull buckwheat is a great improvement over the common variety. It is in bloom longer, matures sooner and yields double the amount of grain. The grain is light gray with thin husk.

The Aggeler & Musser Seed Co., of Los Angeles, Cal., is defendant in a suit brought by the Henry Albers Co. to recover \$2,000 damages for alleged infringement on a formula for the manufacture of insect powder known as "Devil's Dust."

Professor Bolley of North Dakota has been receiving very encouraging reports from growers to whom wilt-resistant flaxseed was distributed in 1908. After all reports are in the best sample will be given a special experiment station number and reproduced for seed and distributed.

Thirty trade samples of seed were tested for germination and purity at the Ottawa seed laboratory during June. Of the eight samples of red clover tested for purity, seven graded No. 1, while one was saleable under the Seed Control Act but not No. 1. Of the six samples of alsike tested for purity, four were saleable under the Seed Control Act but not No. 1, while two were prohibited. Two samples of timothy were tested for purity and both graded No. 1.

Alsike is beginning to move. Quality poor. Samples to date show great deal of brown and shrunken seed. Some show more or less timothy. Trade looking for a short crop. Sales of Rejected so far have been about \$1.00 under August. August means new seed. No. 3 worth about 75 cents under August, and No. 2 about 50 cents under. Price of N. E. G. depends upon the quality and how badly it is mixed with other seed. Don't pay too much for this poor stuff. It won't sell close to prime, nor advance much with it. The safest way if you can is to send in your samples to a commission merchant and get grade and value before buying, and then buy it at liberal discount.—J. F. Zahm & Co.

To test alfalfa seed count out 100 typical seeds from the sample, place these seeds on a moistened piece of blotting paper, which can, in turn, be laid on a large dinner plate. The alfalfa seeds should then be covered with a moist sheet of blotting paper; fold the corners of these pads so that they will not extend beyond the edge of the plate, then turn a second dinner plate over the sheet to prevent undue evaporation of moisture. A temperature of 70 degrees Fahr. is necessary for rapid germination. Within 5 or 6 days the seeds will be sprouted enough to permit counting and the actual strength of the seeds can be ascertained. Some seeds show a germination test of 95 per cent. Such seed should be classified as fancy when judged from a vitality record only.—Oklahoma Experiment Station.

Seven prosecutions for violation of the Seed Control Act have been taken up during June by the Canadian Dept. of Agri. Of these, two were against farmers and five against seed merchants. William Batt, a farmer of Queensville, Ont., offered his red clover seed to a local dealer. The seed was badly contaminated with rib grass, so that a good deal of re-cleaning would be necessary, and the price offered him was not high. Mr. Batt refused it and said that he would sell the seed to his neighbors rather than accept the price offered. A seed inspector, hearing of the circumstances, went to Mr. Batt's place and secured an official sample of the seed that was being offered for sale. Analysis showed the seed to contain noxious weed seeds at the rate of eleven per thousand of the good seed, whereas five per thousand is the maximum allowance. On June 8 Mr. Batt was brought before a police magistrate and charged with violating section 8 of the Seed Control Act. He pleaded guilty and was fined. Another case against a farmer was that of E. E. Bannister, Vanessa, Ont., who was found offering red clover seed for sale on the Brantford market that contained noxious weeds in greater proportion than is allowed by the Seed Control Act. Mr. Bannister also pleaded guilty to the charge of violating section 8 of the Act and was fined.

In harvesting alfalfa for seed cutting should be done when the greater proportion of the seeds are hard, but not sufficiently ripe to shell. At this stage a majority of the pods are turned a dark brown color and the seeds are fully developed. Frequently the cutting can be raked into windrows after two hours if the weather is drying, and in two or three hours more put into cocks and let stand from 24 to 48 hours, as the weather may justify. It should, however, be well cured and thoroughly dry when put in the stack, or there is danger of heating, and stack-heating seriously injures the vitality of the seed. It is not uncommon, if extremely ripe, to leave the cutting in the swath only an hour or a

half hour, then stack, and let stand for autumn or later threshing. If allowed to stand in the stack for about 80 days the entire mass goes through a sweating and curing process which makes the threshing easier, while less of the seed is left in the straw than would be if it had not been stack-cured. In western Kansas many seed raisers cut their seed crop with a self-binder, put the sheaves in shocks the same day, and thresh in about ten days, or put it into a stack to await a convenient threshing time. They claim to secure 20 per cent more of the seed in this way than if they cut with the ordinary mower.—F. D. Coburn.

In northern Illinois, Indiana, and Ohio there appears to be two broods of the clover flower midge. The first brood comes out about the time the first crop of clover normally blooms, and in the form of an orange-red larva hardly as large as a pin head feeds on the ovary of the florets, destroys them and thus prevents seed production. The larva then drops to the ground, spins a cocoon about itself, and undergoes its transformations like a butterfly, finally reappearing a second time at about the time the second crop of common red clover comes into bloom. Again the midge usually gets a larger proportion of the seed than the farmer. The real clover seed farmer, the man who makes as much money on his clover seed crop one year with another as he does on his corn crop, is the man who makes his clover come into bloom at the time when the flower midge is in the ground asleep, undergoing its transformation, or at a time about midway between the normal blooming period of the first and second crops of common red clover. Clipping or pasturing back the crop in this section of Michigan to about June 1 to 10, earlier than this date farther south and as late as June 15 to 20 in northern Michigan, Wisconsin and Minnesota, seems to bring the blooming period at about the right season of the year to avoid the midge.—C. B. Smith, Bureau of Plant Industry U. S. Dept. of Agri.



Common Cheat Seed magnified nine times. U. S. Dept. of Agri.



## Work of the Nebraska Seed Laboratory at Lincoln.

The widespread interest in good seed in the west led the U. S. Department of Agriculture to establish in January, 1908, in co-operation with the Nebraska Experiment Station, the Nebraska Seed Laboratory at Lincoln, Neb. This laboratory is designed to make examinations of seeds for farmers and seedsmen in Nebraska and adjoining states.

In Bulletin No. 110 of the Nebraska Agri. Expr. Station are presented in popular form the most important results secured since the establishment of the station. A grand total of 463 samples was received and 636 different tests made during the first year and 617 samples and 950 tests during the second year up to May 1, 1909. Over 50 per cent of these samples were received from the farmers and seedsmen of Nebraska.

The 201 samples of alfalfa examined varied in purity from 56 per cent to 99 per cent; in germination from 56 per cent to 100 per cent, and contained from 0.1 per cent to 12 per cent of inert matter and from 0 per cent to 36 per cent of foreign seed. Four species of dodder were found in varying amounts. One sample of alfalfa contained over 9 per cent of dodder and if this seed had been sown at the rate of 16 pounds to the acre there would have been sown 16,365 dodder seeds to the square rod. Buckhorn, wild carrot, wild chicory, lamb's quarters and the seeds of about 75 other weeds were found in the alfalfa samples.

The 61 samples of red clover examined varied in purity from 75 per cent to 99 per cent; in germination from 67 per cent to 100 per cent, and contained from 0.3 per cent to 12 per cent inert matter and from 0.1 per cent to 22 per cent foreign seed. Clover dodder seeds were found in eight of these samples and a total of over 70 other more or less noxious weed seeds were found in the various clover samples. Buckhorn, for example, was present in nearly 50 per cent of the clover samples!

The 26 samples of awnless brome grass

examined varied in purity from 33 per cent to 96 per cent; in germination from 0 per cent to 86 per cent and contained from 2 per cent to 46 per cent inert matter and from 0.1 per cent to 56 per cent foreign seed. The various species of wheat grass are most frequently found in awnless brome grass, tho the common cheat and other sorts of brome grass of little or no value are often present.

## Meadow Fescue.

Farmers Bulletin No. 361 of the U. S. Dept. of Agri. by H. N. Vinall treats of the value of meadow fescue in meadows and permanent pastures, and discusses in detail the production of seed and problems in connection with seed growing.

For the past 14 years meadow fescue has been an important crop in northeastern Kansas, the crop in some years reaching a total value of \$150,000 but an undue expansion in its production has caused a fall in its price. Locally this grass is known as English blue grass. The southern limit of profitable meadow fescue culture is on a line running thru northeastern Oklahoma and northern Arkansas and thru Tennessee northeast to southern Delaware.

It is the general opinion among the producers that 5 cents a pound is the minimum price at which it is profitable to grow meadow fescue for seed. The price paid to farmers has varied in the past 10 years from 3 to 15 cents a pound. The commercial seed production of meadow fescue was begun in 1877, near Gardner, Kan., by the originator, S. H. Ayers, and the maximum production was reached in 1903, the clean seed produced in Kansas that year being estimated at over 130 carloads of 30,000 lbs. each. The high price of 14 and 15 cents in 1901 caused the enormous acreage of 1903 and the low price of 3 to 5 cents.

The buyer when grading considers the percentage of chaff instead of that of pure seed, as 5 or 20 per cent instead of 95 or 80 per cent, meaning that 5 or 20 per cent of the bulk is trash or foreign seed.

The principal shipping points in Kan-

sas for meadow fescue seed have been Gardner, Wellsville, Olathe, Springhill, Overbrook, Reading, Madison, Hamilton, Fredonia, Lafontaine and Marysville. The whole state of Missouri has never furnished more than 5 carloads in any one year.

The weeds most troublesome in the fescue meadows are common cheat (*Bromus secalinus*) and whitetop (*Erigeron ramosus*), Japan cheat, buckhorn, broad plantain and dock. The two first named are the most serious.

Cheat, represented in Fig. 1 herewith, has already caused trouble in meadow fescue production on account of the very close resemblance of its seeds to those of the fescue, represented in Fig. 2 herewith. A number of farmers who have purchased and planted meadow fescue seed have found their fields to be largely cheat the following year, largely on account of the ability of the cheat to germinate almost perfectly under adverse conditions.

Seedsmen also are said to be careless in purchasing their supply of fescue seed. It is nearly impossible to separate cheat seed from that of meadow fescue when once they are mixed. In the fescue region this difficulty is overcome by the farmer buying seed from a neighbor produced in a field known to have been practically free from cheat.

Japan cheat has lately appeared in a few fields. It has been noted on several farms in Johnson County, Kansas, and has become quite well established along hedgerows and in fence corners. It is an aggressive species and threatens to become a pest.

## NEW TARIFFS ON SEEDS.

Pere M, ICC No 2151, rules governing the stopping of seed, in transit at Black Rock and Buffalo, N. Y.; effective Aug. 21.

C M & St P, ICC No B1759, timothy, Hungarian and grass seeds, from stations in Iowa and Missouri to Chicago, Ill., Milwaukee or Racine, Wis.; effective Aug. 24.

P R R, ICC No GO-1103, seeds, alfalfa and sugar beet, from Baltimore, Md., New York, N. Y., and Philadelphia, Pa., to Lincoln, Neb.; effective Sept. 1.

B & O, ICC No 8624, imported alfalfa seed, imported via New York, Tompkinsville, 51c; Philadelphia, Pa., 49c, and Baltimore, Md., 48c; sugar beet seeds, from same points, 53 $\frac{1}{2}$ c, 51 $\frac{1}{2}$ c and 50 $\frac{1}{2}$ c, respectively, to Lincoln, Neb.; effective Sept. 1.

Mo Pac, ICC No A1107, seeds, viz.: grass, Hungarian meadow, fescue and timothy, from Atchison, Leavenworth, Kan., Kansas City and St. Joe, Mo., to Newport News and Norfolk, Va., for export; effective Sept. 24.

Mo Pac, ICC No A1068, fescue, Hungarian, meadow and timothy seeds, C L, from Atchison, Leavenworth, Kan., Kansas City, St. Joe, Mo., to Newport News and Norfolk, Va., 34c, for export; effective Aug. 23.

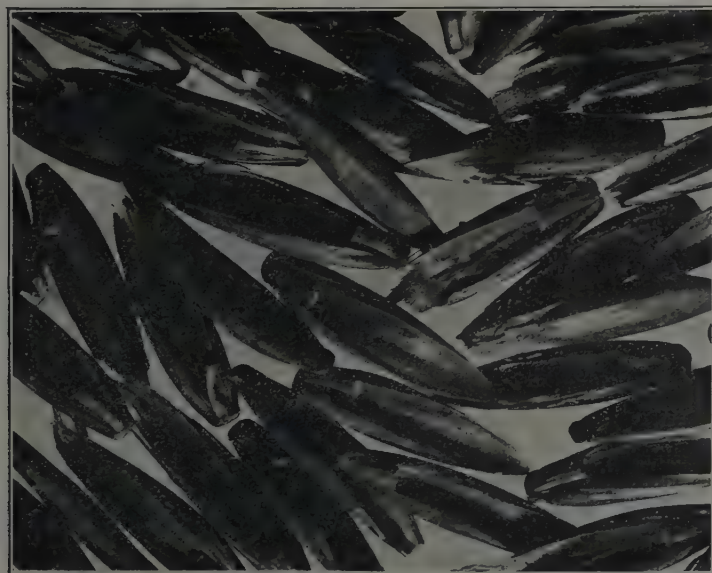
C M & St. P, cane seed, C L, from Kansas City, St. Joe, Mo., Atchison and Leavenworth, Kan. (when from beyond), to Chicago, Ill., and Milwaukee, Wis., and rate points, 11c; effective Aug. 6.

C H & D, grain and grain products, C L, from Indianapolis and Moorefield, Ind., to Hamilton, O., 6c; effective Aug. 15.

Gt Nor, Sup 11 to ICC No A2367, grain, from Sioux City, Ia., Yankton, S. D., to stations in Minnesota, North Dakota, South Dakota and Wisconsin; effective Aug. 15.

B & O S W, Sup 17 to ICC No 1574, grain, from stations in Illinois to Seymour and Lawrenceville, Ind., in connections with B & O S W; apply Cincinnati, O., rates; effective Aug. 16.

Ill Cent, ICC No A7533, grain products, from stations on Ill Cent in Illinois and Indiana, also Dubuque, Ia., and St. Louis, Mo., to points in eastern and central states; effective Aug. 15.



Meadow Fescue Seed magnified nine times. U. S. Dept. of Agri.

# Grain Trade News

## CALIFORNIA.

San Diego, Cal.—Irwin & Co. will at once begin the erection of a grain warehouse here.

## CANADA.

Fillmore, Sask.—Theo. Myers is preparing to build an eltr.

Rosetown, Sask.—E. G. Talbot has started a coal and eltr. business.

Shoal Lake, Man.—Arnold's 30,000-bu. eltr. and a car of grain burned July 24.

Strathclair, Man.—The Dow Cereal & Mfg. Co. is building a 30,000-bu. eltr.—R. F. R.

Victoria Harbor, Ont.—The Canadian Pacific Ry. Co. is planning to build a large eltr. here.

Newdale, Man.—The Dow Cereal & Milling Co. of Pilot Mound, Man., is building a 30,000-bu. eltr. here.—R. F. R.

Elstow, Sask.—Leslie & Wilson of Saskatoon, Sask., have completed arrangements to begin the erection of a 30,000-bu. eltr. here at once.—R. F. R.

Winnipeg, Man.—The McLaughlin Eltr. Co., Ltd., incorporated to take over the business of W. S. McLaughlin & Co., grain eltr. operators; capital stock, \$200,000.

Melfort, Sask.—The Melfort Farmers Eltr. Co. has been organized. Construction of a 30,000-bu. eltr. will begin immediately. Geo. Whiting is interested.—R. F. R.

Nee pawa, Man.—Work will begin immediately on the new eltr. the Dow Cereal & Mfg. Co. will have erected because of the superior quality of oats it gets here.—R. F. R.

Winnipeg, Man.—The recently incorporated Standard Eltr. Co., Ltd., has decided to build 40 eltr. this season along the line of the Grand Trunk Pacific, each with a capacity of 30,000.

Port Arthur, Ont.—In the suit by Seaman & Penniman against the Canadian Stewart Co. to recover \$21,000 for work done on the Grand Trunk Pacific Ry. eltr. Judge O'Leary on July 23 granted judgment for \$19,000.

High River, Alta.—W. J. Bettingen & Co., who recently purchased the eltr. here of the Nanton Lbr. & Grain Co., are building 15 eltrs. in Alberta this season, with a capacity of 600,000 bus. and intend to do as much next year.

Kingston, Ont.—Moore's eltr. was damaged considerably by the steamer Westmount colliding with the building, crushing in part of the house and breaking some of the machinery. The boat was able to proceed with its cargo of grain to Montreal.

Paris, Ont.—Andrew H. Baird, the brother and former partner of H. N. Baird, the grain merchant of Toronto, died at his home here, July 17, aged 75. He was a progressive business man interested in various industries, and had served the community well in different ways. He is survived by a widow, two sons, George of Chicago and Charles of Toronto, and three married daughters.

Winnipeg, Man.—The Grain Exchange has revoked the rule fixing the commission on sales of wheat, oats and barley 1 cent per bu., and receivers may charge what they can get. The receivers wish to have country agents at ¼ cent per bu. and a commission of 1 cent, while the eltr. men wanted ½ cent commission on all business.

Calgary, Alta.—The Globe Eltr. Co., composed of local grain men, has obtained 25 acres of land for the site of a terminal eltr. of 250,000 bus. initial storage capacity of such construction that it can be increased to 1,000,000 bus., and the machinery installed will be sufficient for the latter. Construction has begun on the steel tank type, each tank to hold 50,000 bus. Contract calls for completion in 60 days. This year it will be able to handle 50 cars per day. Grain will be sorted, dried and stored as desired.

## CHICAGO.

The State Board of Grain Appeals met Aug. 3 to set the grades for the coming season.

The Illinois Seed Co. has bot 2 Hall Signalling, Non-mixing Grain Distributors.

Politicians have their greedy eyes upon the office of Chief Grain Inspector W. Scott Cowen.

The first car of new flaxseed of the new crop arrived at Chicago July 28 and was graded No. 1 southwestern.

P. J. Maloney has been admitted to membership with Frederick R. Babcock and Finley Barrell in the firm of Finley Barrell & Co., brokers.

A divorce has been granted to the wife of Hugh M. S. Montgomery, a member of the Board of Trade and of the firm of Trego & Montgomery.

Fred W. Maynard has succeeded W. H. Noyes as secy and mgr. for Marfield, Tarse & Noyes. Mr. Noyes will spend a year in efforts to regain his health.

Fred D. Austin, for 20 yrs. with Crighton & Co. and Scribner, Crighton & Co., will be manager of the Chicago office of E. P. Bacon & Co., 434 Postal bldg.

J. P. McKenzie, formerly mgr. of the grain department of the Quaker Oats Co., has gone with Gardiner B. Van Ness, who will make a specialty of handling oats.

James C. Alling has been taken up by the police on charges by E. G. Mensing that \$700 intrusted to him a year ago had not been invested in wheat as represented, nor returned.

The first car of spring wheat of this year's crop was received in Chicago Aug. 9. It came from Illinois, graded No. 3 and sold at \$1.05. Last year the first car was received Aug. 6.

Membership in the Board of Trade has been applied for by Frank John Murray, William True Davis and Amandus Fahl-eukamj. Edward C. Remich and David S. Mackay have made application for transfer of membership. The directors recently admitted to membership Bernard G. Brennan, Samuel I. Karger, Albert C. Loring and Edward D. Shumway.

Gains in membership have brot the roster of the Board of Trade Mutual Benefit Ass'n up to 887. The membership increased nearly 200 within a year. The average rate per \$1,000 is about \$14 and the benefit nearly \$3,000.

G. S. Ulrich, a merchant, brot suit in the Superior Court, July 26, for \$6,000 damages against Bartlett, Patten & Co. and the individual members of the firm including James A. Patten. His attorney says of the suit: "Patten made millions while my client lost all. He was a client of the firm and was advised to buy wheat and hold it. By following this advice he was misled and so lost."

How far the downfall of Tracy & Co. was due to speculation by employees and others thru unidentified accounts has not been stated; but one estimate places the amount thus dissipated at \$400,000. Two heavy losses met thru grain speculation by employees involved \$106,500 in one case and \$77,000 in the other. Tho the employees in these two cases gained nothing, for some unknown reason they were not prosecuted. Tracy & Co. had 460 creditors.

Henry Rang, a pioneer grain broker and commission merchant, for 49 years a member of the Board of Trade, died at his Chicago residence Aug. 6, aged 80. Born in Strassburg, Alsace, he came to the United States in 1849 and to Chicago in 1860. He started a grain and produce business. As the grain end of his business grew he gave all his attention to that. In recent years his firm has been known as Henry Rang & Sons. He is survived by a widow and three sons.

Azariah Eddy, said to be the oldest member of the Board of Trade, died of old age at his home in Evanston, Aug. 8, aged 76. He had been confined to his bed for a month. Born in Fremont, O., he came with his family to Chicago in 1865, and soon afterwards became a member of the Board. Two years ago he moved to Evanston. He is survived by his widow and two sons, Thomas in charge of the foreign department of the retail store of Marshall Field & Co., and George S. of New York City, executor of the estate of the late James S. Smith, known as "Silent Smith."

A. F. Walther will replace the elevator burned recently at 64th Street and the Rock Island tracks with a modern brick and concrete grain and hay warehouse 56x104 ft. It will be two and four stories. One large receiving leg will take grain from cars to any bin desired. Three other legs will be installed to facilitate the handling of feed and grain. The house will be equipped with 3 automatic grain scales, 1 22-ft. platform scale, 1 cleaner, a 3-roll mill, 1 crusher, a 14-in. screw conveyor, set power shovels and 5 electric motors. C. M. Seckner of the Friedline Co. will superintend the work.

Postal card replies to the query whether members of the Board of Trade favored the general proposition to build a new exchange building have been in the affirmative in the majority of cases. Before definite plans can be inaugurated a public meeting of members must be held and an expression of opinion there taken. President Bunnell has called such a meeting for 3 p. m., Aug. 11, when a committee will be appointed to obtain plans, method of financing the proposition and other necessary information prior to a ballot of members. These plans will then have to be submitted and posted for some time before final action can be taken.



Subcommittees for the arrangements in connection with the invitation by the Chicago Board of Trade to outside exchanges to visit Chicago on Sept. 17-18 have been named by Chairman J. C. Murray as follows: Finance, James Pettit, D. H. Harris, W. H. Lake, D. J. Murphy. Business progress, H. N. Sager, C. B. Pierce, J. A. Bunnell, J. B. Adams, W. H. Eckhardt and S. P. Arnot. Entertainment, George E. Marcy, F. A. Paddleford, Philip W. Seipp, D. A. Noyes and A. M. Clement.

Speltz, or German wheat, that coarse cereal that looks like barley of an unusual size, has had great recognition accorded it for the state inspection department will grade it hereafter. Speltz never has had a standing in the grain trade. Minneapolis has received many cars of it South Dakota, which is dotted with German and Swiss farmers, is raising more speltz every year and is estimated to have 1,000,000 bus. of it this season. Its chief use is for horse and cattle food. The state inspection department will also allow hereafter a dockage on oats and barley. Coarse grains have never been docked heretofore, except rye, but in the future the amount of dirt contained in a shipment of oats or barley may be estimated and allowed for by buyer and seller. A new grade of corn was established by the department which will be known as No. 4 yellow.

Brokers and bankers played good ball at the charity game July 31, keeping the score down to 3 for the Board and 1 for the bankers. Fred Pfeffer acted as umpire. The practice of fining those present for imaginary offenses at mock police court was abolished; but the children's charities of Chicago benefited by about \$3,000 or more, an amount which will be increased by contributions. A huge pot of American Beauty roses was raffled off. Among the Board of Trade men present at the game were Sec'y Geo. F. Stone, Pres. John A. Bunnell, Geo. E. Marcy, Adolph Gerstenberg, H. J. Patten, Harry Avery, Jas. McClean, captain of the board of trade team; W. J. Jackson, Frank Rice, J. H. Wilkins, E. S. James, F. A. Paddleford, H. S. Williams, Joseph Griffin, A. K. Munson, Frank M. Bunch, E. S. Hunter, D. A. Noyes, Harvey Williams, Jas. Crighton, E. L. Glaser, E. L. Merritt, H. A. Foss, J. J. Stream and Tom Hunter.

## COLORADO.

Otis, Colo.—The N. S. Shannon Grain Co. of St. Joseph, Mo., is building an up-to-date eltr. here.

Fort Collins, Colo.—Watson Ziegler has let the contract to the Wolf Co. for a 20-ton alfalfa mill.

Wray, Colo.—I have taken charge of the elevator of the Sherman Grain Co. The Wray Mill Co. has taken in the first wheat of the season. It tested 63 lbs.—E. W. Lambert.

Yuma, Colo.—W. J. Gibbs has been installed as mgr. at the eltr. the Shannon Grain Co. recently bot of H. C. Hoch, who will devote his attention to his lumber and implement business.

Green Mountain Falls, Colo.—Wheat is higher up here than even the prices prevailing on the Chicago Board. would seem to indicate. This should be a bull haven. I am going back to Topeka.—A. H. Bennett.

## IDAHO.

Idaho Falls, Ida.—The Urdike Grain Co. has bot an eltr. here.

Lewiston, Ida.—The Idaho Grain Commission held a session here recently to set standards for the grades of grain and hay.

Burley, Ida.—The Twin Falls Milling & Eltr. Co. has bot a site on which to erect a 300-bbl. flour mill, a 10,000-bu. grain eltr. and a large potato cellar. The eltr. and mill will be started this fall.

Nez Perce, Ida.—The Farmers Union of Nez Perce will build two grain warehouses on the Nez Perce & Idaho Electric line; one, 50x300 ft., here, the other, 150x200 ft., at the switch 4 miles west. L. W. Robinson will also build two warehouses, one here in the town and the other near the farmers' location.

## ILLINOIS.

Camp Point, Ill.—Samuel Farlow is planning to build a 10,000 bu. eltr.

Peoria, Ill.—Frank Hall & Co. have retired from business.—Tyng, Hall & Co.

Harness, Ill.—John Fryer has bot the eltr. of J. & F. J. Rapp from the Rapp estate.

Dudley, Ill.—Dexter Baber has just completed a 15,000-bu. addition to his eltr., also two dumps.

Malden, Ill.—The Neola Eltr. Co. has bot the retail grain, lumber and coal business of A. L. Davis & Son.

Steward, Ill.—Titus Bros. have sold their 25,000-bu. eltr. on the C., M. & St. P. Ry. to the Farmers Eltr. Co.

Freeport, Ill.—The B. P. Hill Grain Co. is remodeling its eltr., putting on galvanized siding and installing a new dump.

Magnet sta., Mattoon p. o., Ill.—Will Hite has moved here from Etna to take charge of the eltr. of Thomas Ferguson.

Springfield, Ill.—Orville F. Berry of Chicago has been appointed chairman of the Illinois Railroad and Warehouse Commission.

Chillicothe, Ill.—W. W. Dewey & Co. have replaced the old steam engine in their eltr. on the Rock Island by a gasoline engine.

Cooksville, Ill.—The new 40,000-bu. eltr. of Hayward Bros., replacing that burned last February, is rapidly nearing completion.

East Lynn, Ill.—I have sold my eltr. to J. A. Mouch of Mooreland, Ind. thru John A. Rice. I gave possession July 22.—H. H. Tucker.

Lake Fork, Ill.—Henry Crain has taken the position of grain buyer for the Mansfield-Ford Grain Co. that recently bot the eltr. of F. W. Obermiller.

Neponset, Ill.—The Farmers Eltr. Co. has installed a new 15-h.p. gasoline engine on a cement foundation, and is building a new engine house.

Longview, Ill.—The new eltr. in process of construction for J. W. Irwin is nearing completion. Mr. Irwin was formerly with the Longview Grain & Coal Co.

Milla sta., Lstant p. o., Ill.—A new gasoline engine has been installed in the eltr. of the Illinois Granaries Co., replacing the one that flew to pieces July 12.

Evarts sta., Ridott p. o., Ill.—The B. P. Hill Grain Co. is having its eltr. resided and recovered and some changes made by the Burrell Engineering & Construction Co.

Strawn, Ill.—The Farmers Eltr. Co. has bot suit against Jas. E. Bennett & Co. and Jos. C. Kessler to recover \$5,000 from each. It is said that the former mgr. of the Farmers Eltr. Co. broke up the company thru his speculations.

Isabel, Ill.—O. K. Burton has resigned his position of grain buyer for Bartlett, Kuhn & Co. to remove to Urbana, where his son, Earl K. Barton, is attending school.

Toledo, Ill.—Toledo has no eltr. I am the only grain dealer here and I only handle 10 to 15 cars a year, as hay is our leading crop and this is a large hay-shipment point.—E. C. Garrison.

Allenville, Ill.—Morris & Stone of Mattoon have just completed a 30,000 bu. eltr. Gasoline power, Western Sheller and Cleaner, 5 dumps, 3 legs to take the place of the house burned recently.

Granite City, Ill.—The enlargement of the eltr. of the Schultz & Niemeier Commission Co. by the erection of a 30,000-bu. addition has just been completed by the Burrell Engineering & Construction Co.

Esaw sta., Humrick p. o., Ill.—W. P. Lewis has let the contract to Fred Friedline & Co. for a 20,000-bu. cribbed eltr. with steam power to be erected on the Walsh road about 7 mi. south of Danville.

Cairo, Ill.—N. B. Thistlewood & Co. have let the contract to A. L. Sanderson for a 30,000-bu. eltr. to cost including equipment \$12,846; 36x36 and 70 ft. high on concrete foundation laid on piling; concrete power house 12x24.

Jacksonville, Ill.—The Farmers Eltr. Co., having 60 shareholders, has been incorporated for \$6,000 by E. A. Dunlap, S. H. Crum, J. M. Martin and others. C. A. Beavers is sec'y. and treas. and James Peteifish will manage the eltr.

Dawson Park sta., Stockland p. o., Ill.—We have sold our eltr. at this station to J. A. Mouch of Mooreland, Ind., thru John A. Rice. He has taken possession and will get his mail at Milford, Ill., R. F. D. No. 1.—Hawkins & Timmons, Otterbein, Ind.

Erie, Ill.—Charles McLane has bot of R. Y. Breed the eltr. formerly operated by Arthur McLane and now occupied by Pfundstein & Riordan, and that firm has bot out the grain business of Osborne & Clark and the lumber business of George James.

Springfield, Ill.—The Illinois Corn Exposition assets have been distributed to the subscribers. Checks were sent to stockholders July 27 by Sec'y Nicholas Roberts. Of the \$13,300 stock subscribed there remained on hand after the dissolution of the company \$4,303.

Gifford, Ill.—Robert Wood of Dillsburg and Edward Wood of Gifford have bot an interest in the grain and stock business of John Wood and the new firm will operate under the name of Wood Bros. & Co., with Edw. Wood mgr. John Wood, who has been in the grain business here for 17 years, will retire from active business for a time.

Champaign, Ill.—The suit by three farmers against Bartlett, Frazier & Carington to recover about \$10,000 for grain delivered to H. W. Riley, whom they supposed was agent for the firm, but really trading on his own account, will be heard soon in the circuit court. It is said that Riley failed to give the farmers notice that he had bot the eltr.

Charter Grove, Ill.—The eltr., cribs, gasoline engine, lumber and other property of Holcomb Bros. were burned July 23. Loss, over \$3,000; partly insured. The firm has let the contract to the Burrell Engineering & Construction Co. for a 15,000-bu. eltr. to be equipped with 8-h.p. gasoline engine, 1,000-bu. Richardson Automatic Scale and 4-ton wagon dump scale.

Morrisonville, Ill.—The Morrisonville Farmers Grain Co., that was organized to buy the eltrs. of A. B. and H. H. Herdman constituting the Herdman Grain Co., took over the property July 19. W. H. Deister, pres.; H. L. Vancil, secy-treas.; capital stock, \$12,000, fully paid.

Hinckley, Ill.—The Neola Eltr. Co. is spending about \$2,000 in repairs that will make a general change in its plant here. The old office building has been moved and will be remodeled and fitted with up-to-date conveniences. The driveway in the 200,000-bu. eltr. will be extended the full length of the building and a gravity pump installed. Other improvements will be made in the eltr. in fixtures, pulleys, new eltr. buckets and equipments. As the company handles lumber and coal in addition to its grain business, a new lumber shed, 172 ft. long, is under construction, and the barn will be remodeled into an up-to-date sash, door, and moulding room. E. B. Cutts has charge of the business and plant.

## INDIANA.

Ade, Ind.—McCray, Morrison & Co. this fall will have a corn house built by Fred Friedline & Co.

Earl Park, Ind.—The improvements at the plant of Caldwell & Barr have been completed by Fred Friedline & Co.

Rockfield, Ind.—The Cooperative Eltr. Co., Ltd., has a new 30,000 bu. eltr. just completed by the Reliance Cons. Co.

Waveland, Ind.—C. R. Patton has just had his new eltr. completed by A. H. Richner and is the only regular dealer.

Boggs town, Ind.—The roof on the eltr. of the Nading Mill & Grain Co. was partly blown off by a recent windstorm; damage, \$50.

Millville, Ind.—We have sold our eltr. to George T. Bowen of Lynn, Ind. He took possession Aug. 4.—S. D. Wisheart & Sons.

North Judson, Ind.—M. McCormick of the Farmers & Citizens Bank has taken over the eltr. of McNett, deceased, and will operate it.

Cicero, Ind.—Robert Porter has bot the grain and coal business of H. M. Stehman, who has been hampered for some time by ill health.

Petersburg, Ind.—A deal was concluded, July 22, with the Haines Eltr. Co. whereby John Brenton, Dr. Hilemeyer and Rollin Smith have succeeded S. J. Haines.

Knox, Ind.—The First National Bank has taken over the C. V. Ferver's eltr. here and at Wheatfield. It has leased the Knox eltr. to Mr. Ferver's brother.

Spencerville, Ind.—Spencerville Grain & Eltr. Co. incorporated by Nicholas Goldsmith, P. S. Amstutz, L. W. Steward and others; capital stock, \$10,000.

Fowler, Ind.—Wilbert Hawkins is having Fred Friedline & Co. put in 2 new eltr. legs and remodel plant, as well as install a dust collecting system, for a transfer business.

Crawfordsville, Ind.—The Crabbs-Reynolds-Taylor Co. bot its first load of new oats, July 26, for 36c per bu. The grain tested from 32 to 33 lbs. and was pronounced the best white oats the firm had bot in many years.

New Richmond, Ind.—The plant including 66,000-bu. eltr. formerly operated by John W. McCardle, and for several years owned and operated by A. E. Malsbary was sold Aug. 2, thru John A. Rice, to Haywood & Detchon, who will take possession Aug. 16.

Vincennes, Ind.—The J. P. Allen Commission Co., located here for some months, has discontinued business, as Mr. Allen has two eltrs. at Sullivan, and finds it impossible to look after his interests in both places. He will devote all his attention to his Sullivan grain business.

Brook, Ind.—Mr. Lyons of the grain firm of Lyons, Essen & Light was thrown from an automobile recently, while it was running at high speed, and received a severe fracture of the jaw, besides some deep wounds about head and face that rendered his condition critical.

Remington, Ind.—The eltr. of Rich & Harrington, that has shipped 500,000 bus. of corn and oats annually, has been sold thru John A. Rice to A. E. Malsbary, who retires from the plant he owned and operated at New Richmond. He was given immediate possession of his new property here.

Decatur, Ind.—Fire that started in the engine room, July 24, destroyed the eltr. of the Niblick Grain Co., one of the oldest grain houses in this city, with 300 bus. of wheat, 165 of clover seed, 80 bus. rye, and considerable corn. To replace the eltr. in equally good condition would cost about \$10,000. John Niblick reports the matter undecided, as several offers have been received for the site on which to build an up-to-date eltr.

Andrews, Ind.—A. Wasmuth & Son paid Ben King a prize of \$3 for the first 50-bu. load of wheat delivered at their eltr. He bot in 49½ bus. in the morning and then returned for a larger load to win the prize. The firm has also offered a prize of \$5 for the largest load of wheat hauled to its eltr. before Sept. 1, \$3 for the first load of oats of 50 bus. or more and \$5 for the largest load of oats delivered to them before Sept. 15.

## IOWA.

Dayton, Ia.—Chris. Williams has opened the eltr. he recently bot of G. A. Gustafson.

Nugent, Ia.—The Jackson Grain Co. will build an eltr. here.

Oskaloosa, Ia.—Our new eltr. is built and in operation.—Blackford.

Gilman, Ia.—A farmers' eltr. company has been organized with a capital of \$6,000.

Bloomfield, Ia.—J. W. Eckerd has bot the eltr. of Hotchkiss & Deupree and contemplates extensive repairs.

Callender, Ia.—I have come here from Rutland, Ia., to manage the house of the Des Moines Eltr. Co.—A. T. Montgomery.

Owasa, Ia.—Farmers Co-op. Eltr. Co. incorporated by C. P. Leslie, J. L. Simpson, R. J. Heath and others; capital stock, \$2,450.

Gaza, Ia.—Gaza Grain & Supply Co. incorporated by H. B. Lake, H. H. McCall, A. R. Rockwell and others; capital stock, \$30,000.

Fonda, Ia.—The Neola Eltr. Co. has had its house overhauled, and has installed J. M. Fosdick from Maxwell, Ia., as mgr.

Primghar, Ia.—The Primghar Farmers Eltr. Co. has bot and taken possession of the eltr. here formerly operated by the Western Eltr. Co.

Des Moines, Ia.—I have been with my father, who has been quite ill at the sanatorium in Hinsdale, Ill., for the past 4 months with paralysis; but returned to be ready for business and the new crop by Aug. 1.—C. A. Tower.

Ritter sta., Sheldon p. o., Ia.—Farmers Eltr. Co. incorporated by C. H. Dougherty, Thomas Beacon, Fred Wolf and others; capital stock, \$20,000.

Storm Lake, Ia.—Storm Lake Farmers Eltr. Co. incorporated by J. B. McKibben, S. I. Edwards, G. B. Lawhorn and others; capital stock, \$4,000.

Knoxville, Ia.—Davis, Way & Co. have put their eltr. on the Rock Island in good order. They have installed an electric motor and a new automatic dump.

Eddyville, Ia.—S. H. Lamis is preparing to build an eltr. 28 ft. square and about 50 high on the site of the old one, which will be moved back from the R. I. tracks.

Grinnell, Ia.—The recently incorporated Farmers Eltr. Co. has bot the eltr. of Kingdon Bros. for \$5,000 also the coal business and will handle both grain and coal. Possession was given Aug. 2. P. F. Mason, pres.; L. L. Woods, secy.

Marengo, Ia.—W. W. Horace of Rose Hill, Ia., has bot the business of the D. Rothschild Grain Co. and has taken possession. He has also bot the lumber yard of A. B. Reser and will conduct it in connection with his grain business.

Battle Creek, Ia.—O. O. Spotts has built a 25,000-bu. cribbed eltr. equipped with cleaner, man lift, two legs, and steel tank in pit. Younglove Const. Co. had the contract. Mr. Spotts now has two houses here.—C. W. Boyer, Mapleton, Ia.

Le Mars, Ia.—J. A. Sauer has sold his eltr. to a Mr. Heller from South Dakota, who is expected here to take possession Sept. 1. M. A. Moore & Co. have bot the eltr. of Gehlen Bros. and will have it ready for business by Sept. 1. I will have charge.—L. Luikens.

Vandevle, Ia.—Ernest Tigges, one of the older citizens of this place, has bot the eltr. of E. D. Hamline for \$3,500 including building, equipment and 5 town lots. Mr. Tigges will move to Marshalltown, leaving his son Curtis to manage the grain business here.

Parkersburg, Ia.—I bot out the Clinton Grain Co., that had leased the Kennedy Eltr. for 4 years but gave up after one year's trial and signed the lease over to me. I will operate this eltr. with my other, which gives me a capacity of nearly 80,000 bus. of grain.—H. Schultz of H. Schultz & Co.

Columbus Junction, Ia.—Sprague Bros., C. A. and James A. Sprague, grain and produce shippers, have moved their business into their convenient new brick building. They bot a carload of wheat spilled on the ground in the wreck near Clifton and will have it hauled to their eltr. here.

Logan, Ia.—The Faltoner Eltr. burned on the night of July 25, destroying the oats and wheat it contained besides 500 bus. of corn. Tramps are believed to have started the fire. Owner does not live here, and insurance and prospects for rebuilding are not yet known.

## KANSAS.

Wilson, Kan.—John A. O. Livoni will build a 10-ton alfalfa mill.

Baileyville, Kan.—John Griffith has bot the eltr. here of Gregg Bros.

Leona, Kan.—McCormick Bros. of this place have bot the eltr. of Gregg Bros.

Jewell, Kan.—C. S. Edwards will install a Hall Signaling Grain Distributor.

Norcaton, Kan.—Leslie Temple is the new local mgr. at the eltr. of the Central Granaries Co.



Potter, Kan.—I have recently assumed the management of the Farmers Eltr. Co.—T. E. Pennington.

Speerville, Kan.—The Moses Bros. Mill & Eltr. Co. has just installed a Sonander Automatic Scale.

Winfield, Kan.—The Winfield Alfalfa Mill Co. is erecting a new warehouse covered with galvanized iron.

Hilton sta., McPherson p. o., Kan.—The Lindsborg Mill & Eltr. Co. has remodeled and improved its eltr.

Wichita, Kan.—J. W. Craig, recently elected a director of the Board of Trade to succeed H. Imboden, is with the Independent Grain Co.

Rock, Kan.—The eltr. of the New Era Mlg. Co., that burned July 13, with 1,100 bus. of new wheat, had been operated by Charles Hornaday.

La Crosse, Kan.—We have just finished putting in a Souander Scale and repairing gasoline engine for Moses Bros. Mill & Eltr. Co. here.—I. B. Wallingford.

Holton, Kan.—W. D. Kuhn, head of the grain firm bearing his name, is considering erecting a 300-bbl. mill in which other local interests will be associated.

Topeka, Kan.—A. H. Bennett of the Bennett Com. Co. has enjoyed a short vacation at Green Mountain Falls, Colo. He is again ready for business here.

Marysville, Kan.—The Marysville Alfalfa Milling Co. has bot machinery and equipment for its new 20-ton alfalfa mill now under construction, from the Roberts Alfalfa Mill & Machinery Co.

Ludell, Kan.—W. E. Porter has resigned his position as mgr. of an eltr. here and will return to work for G. H. Burchard, the eltr. contractor.—E. W. Lambert, agt. Shannon Grain Co., Wray, Colo.

Lake City, Kan.—The Medicine Valley Alfalfa Milling Co. of this place has let the contract to the Roberts Alfalfa Mill & Machinery Co. for an alfalfa mill and feed mixing plant to cost about \$12,000, work to begin at once.

Hutchinson, Kan.—E. N. Snap, pres. of the Hutchinson Alfalfa Products Co., is getting the plant ready for operation soon. New machinery has been installed for grinding both corn and alfalfa and for mixing these feeds.

Greenwich, Kan.—The Otto Weiss Alfalfa Stock Food Co. has let the contract to M. J. Travis for a 10,000-bu. eltr. on the Mo. Pac. Railroad. The house will be frame, with shingle roof and will be equipped with a Witte Gasoline Engine.

Wichita, Kan.—Harry W. Hill, who has been helper to the assistant grain inspector, M. A. Morrow, has been appointed assistant grain inspector here by the chief state inspector, John T. White, and T. P. Daily of this city has been appointed helper.

Topeka, Kan.—Complaints of a car shortage are being received by E. J. Smiley, sec'y of the Kansas Grain Dealers Ass'n, from shippers on branch lines. A shipper at Ford, Kan., has been informed by the station agent that the only cars he can expect for grain shipments are those that are unloaded or emptied there.

Kinsley, Kan.—The eltr. of the Kansas Grain Co., containing 4,200 bus. of wheat, burned July 20. Eltr. worth about \$3,000. Building and contents partly insured. With salvage from grain the loss will probably reach \$3,000. Two cars loaded with wheat on tracks near the eltr. were pushed away to safety by spectators.

Atchison, Kan.—W. A. and J. W. Blair, who recently bot the old eltr. of Greenleaf & Baker, that had been controlled by the Hall-Baker Grain Co. of Kansas City and had not been operated for some time, will overhaul it to put it in good order for a general grain business and will operate it under the name of the Kansas Grain Co. associated with but independent of the Blair Mlg. Co.

Hollis, Kan.—The eltr. of the Duff Grain Co. burned on the night of July 18, with 2,000 bus. of wheat and 1,000 bus. of corn. The building valued at \$3,000 was covered by insurance, but no insurance on the grain. This eltr. had just been rebuilt after having been damaged by a cyclone May 14, that destroyed the office and contents including the books, and completely wrecked the 25,000-bu. cribbed eltr. of the Midland Eltr. Co.

Leavenworth, Kan.—John T. White, Kansas state grain inspector, established a branch of the state grain inspection department in this city, July 21. J. B. Edwards of Abilene has been tendered the deputy inspectorship. While the grain handled in Leavenworth did not exceed the average of a car or two per day, inspection was handled from the Kansas City, Kan., office by an inspector sent from there for that purpose; but recent grain shipments from this point have been heavy enough to demand an office here.

Topeka, Kan.—Grades of Nos. 1, 2, 3 and 4 turkey hard wheat were established by the state grain commission July 27. The clause in the rules that wheat containing more than 1/4 of 1 per cent of rye should not be graded higher than No. 3 was stricken out. The weight of No. 1 hard was raised from 60 to 61 lbs. Nos. 2, 3 and 4 yellow corn must be 1/2 yellow instead of 3/4 as formerly. Grades of Nos. 4 kafir and red kafir corn were established. Chief Grain Inspector J. T. White, believes that the establishment of the new grade of turkey wheat will not have the effect hoped for by the farmers.

Kansas City, Kan.—The preliminary hearing of John W. Radford, former state grain inspector for Kansas, charged with embezzling \$1,366.70 of state funds, was resumed July 19 in the city court. An assistant state accountant, a woman, testified to the record of the cash book of the grain department, which showed that the original entries had in many instances been changed and other figures substituted. Upon cross examination she said that to the best of her judgment the changes had been made by the same person who made the original entries. Testimony has been introduced tending to show that the books of the department were kept by some person other than Mr. Radford.

Wichita, Kan.—The new grain firm of Anderson & Koch is composed of W. J. Anderson, who has purchased the Board of Trade membership of C. W. Lonsdale, formerly with the Home Grain Co. and now head of the new Lonsdale Grain Co. in Kansas City, Mo.; and George Koch, well known to the grain men of the Southwest. Mr. Anderson has lived in Wichita about four years. He came here from Cheneyville, where he was interested in both grain and banking, and still retains his bank interests there. The new firm has taken the offices formerly occupied by the Home Grain Co., the Southwestern branch of the Van Dusen-Harrington Co., that recently disposed of its Kansas and Oklahoma eltrs. to the Midland Eltr. Co., which intends to open an office here.

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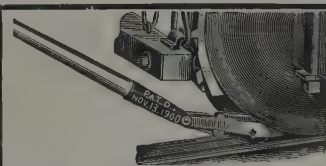
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Kansas City, Kan.—Figures compiled by W. P. Montgomery, chief clerk in the office of the Kansas state grain inspector in this city, show that the inspection department was conducted at a loss of \$27,096.80 in the year 1908. Total receipts from fees collected on cars weighed and inspected amounted to \$22,416.70; while expenses, including salaries and rents, were \$49,513.50. Mr. Montgomery prepared these figures to ascertain what fees should have been charged to make the department self-supporting. During the year 22,183 car loads of grain were weighed and 34,855 cars were inspected. The present fees are 50c a car for weighing and 40c for inspection.

Salina, Kan.—A workman by the name of McDonald, employed on construction work on the steel and cement bins of the new eltr. of the Shellabarger Mill & Eltr. Co., had a narrow escape July 21. With three others McDonald was on a platform on the top of a bin hauling up material with a windlass, when it slipped from the hands of those holding the cranks and they whirled backward. A crank struck McDonald on the chin and knocked him down. His position near the center of the platform saved him from being dashed to death over the edge of the bin 60 ft. above ground. The crank cut a gash on McDonald's chin that laid the wound open to the bone. His escape from a broken jaw was remarkable.

Applicants for membership in the Grain Dealers Ass'n of Kansas since June 1, as reported by E. J. Smiley, sec'y, are: Raymond Grain & Supply Co. of Raymond, Kan.; E. B. Peck, St. Joseph, Mo.; Bolin-Hall Grn. Co., Liberal, Kan.; Geo. H. Classen, Washington; Carrol Walker, Irving; J. E. Mills, Barrett; F. L. Farnsworth, Cullison; O'Neil & Budds, Mullinville; J. H. Dougan, Robinson; James F. Mahin, Lewis; Chas. D. Schmidt, Frederick; Olmutz Gr. Co., Olmutz; R. W. Conner, Soldier; Mead Seed & Gr. Co., Mead; Hoisington Mill & Eltr. Co., Hoisington; J. W. Kennedy, Ray; Rein & Stramel, Bison; Farmers Eltr. & Mer. Co., Stafford; Warner Gr. Co., Netawaka; E. M. Elkin, Wichita; Hebray Ficken & Son, Bison; James H. Wolfe, Lewis; Kinsley Mlg. Co., Kinsley; Farmers Co-operative Gr. & L. S. Co., Lewis; O. W. Hutchinson, Wichita; Raymond & Son, Douglas; Udall Mill & Eltr. Co., Udall; P. Miller & Son, Ray; O. E. Haley, Pratt; James McAdams, Minneola.

## KENTUCKY.

Owensboro, Ky.—J. W. Tompkins has resigned as mgr. of the plant of the American Milling Co.

Louisville, Ky.—Suspension of the stock and grain brokerage firm of J. M. Sharp & Co. was announced Aug. 7, alleged to be the result of the illness of Mr. Sharp said to be in a sanitarium at Rochester, Minn., but a telegram denied that he had been there. A statement of the firm's condition is expected.

## LOUISIANA.

Vidalia, La.—Fred Postlethwaite of Natchez, Miss., will establish a grain eltr. here.

## MARYLAND.

Baltimore, Md.—J. M. Frisch has been selected to umpire a ball game Aug. 20 between members of the United Feed Dealers Protective Ass'n and has provided himself with weapons of defense.

Baltimore, Md.—The first car of new oats to reach Baltimore this season arrived late in the afternoon of Aug. 4. These oats were received by J. A. Manger & Co. and officially graded No. 3 white oats and weighed 29 lbs. to the measured bushel. The oats were shipped from Indiana.

## MICHIGAN.

Vicksburg, Mich.—Robert Jenkinson has a new eltr.

Elkton, Mich.—We have installed a new 25-h.p. engine.—Elkton Eltr. Co.

Bennington, Mich.—We sold our eltr. to the Stockbridge Eltr. Co.—The Albert Todd Co.

Detroit, Mich.—The Mich. Bean Jobbers Ass'n will meet here Sept. 9 and 10th at the Cadillac Hotel.

Grassmere, Mich.—We have installed a new 12-h.p. engine in the eltr. we operate here.—Elkton Eltr. Co.

Detroit, Mich.—Eltr. stocks here are as follows: Wheat, 178,834; corn, 107,668; oats, 21,452; barley, 1,483; rye, 3,017 bu.—B.

Marshall, Mich.—John Jackson of Homer has bot the D. T. & M. Eltr., that has been elased for some time, and will buy grain.

Midland, Mich.—We contemplate installing a mill to grind corn on the cob and also other grain into feed.—Reardon Bros. Merc. Co.

Bay City, Mich.—At the recent annual meeting of the Michigan Millers Ass'n at this city Professor Shaw spoke on "Better Seed Wheats."

Owosso, Mich.—H. N. Ainsworth has sold his eltr. to Greves Bros. who also own and operate the grist mill. The eltr. is run by electric power.

North Adams, Mich.—Williams Bros. took in 21 loads of wheat recently, the greatest amount brot into the village in one day in recent years.—B.

Cass City, Mich.—The Cass City Grain Co. is making repairs on its eltr. New shafting is being installed and a new dust collector is being placed.—B.

Ypsilanti, Mich.—The Ypsilanti Savings Bank is reported to have taken over the Ypsilanti Produce Co., which bot and shipped grain, hay and beans.

Newberry, Mich.—Clausen Bros. will build a feed and flour mill here next spring and perhaps an eltr. to be operated in connection with the mill.

Linden, Mich.—The Wallace & Orr Co. do not own an eltr. here, as erroneously listed. Charles R. Price and our own firm are the only regular dealers in this place.—T. J. Winget & Son.

Cassopolis, Mich.—The deal by which R. F. Peck bot the eltr. of Carpenter & Barney on the Grank Trunk having fallen thru on account of an injunction obtained by the G. T., Mr. Peck will immediately begin erection of a new steel eltr. at the end of his present warehouse on the Mich. Cent. trackage and will equip it with up-to-date machinery.

Dundee, Mich.—The Michigan Milling Co. of Ann Arbor has erected an eltr. at Dundee. The new structure is frame, covered with corrugated iron. Its capacity is 14,000 bu. An adjoining warehouse holds 5 carloads of feed supplies; 7 cars of hard coal and 6 cars of soft, besides two cars of salt. In the three weeks the eltr. has been in operation 5,000 bu. of wheat have been taken in.—B.

Riverdale, Mich.—The Ithaca Roller Mills of Ithaca, Mich., have bot the eltr. here of the V. P. Cash Co., thru the Henry W. Carr Co. The new owners took possession Aug. 2.

Kalamazoo, Mich.—The eltr. of George E. Little, recently moved from its former location to the G. R. & I. right-of-way, because the site it occupied was sold to the Grand Trunk Ry., is being thoroly overhauled and when ready to resume operations will have a capacity of 40,000 bu.

Fenton, Mich.—Fred Welch, who for the past 11 years has owned and operated an eltr. in Fenton, has sold his holdings to the Fenton Eltr. Co., of Jackson. The company which enters the new field has for its officials E. I. Isabell, pres.; K. P. Kimball, vice-pres.; Chas. E. Haskins, mgr.

Clinton, Mich.—John Hause, 68 years old, of the firm of Richmond & Hause, was instantly killed in an automobile accident near Dearborn, July 27. In the morning he had purchased an automobile in Detroit, and was learning how to run the machine. While crossing the D. U. R. tracks the demonstrator bent over to adjust the lubricator. Whether Mr. Hause did not see the approaching freight car or whether he forgot how to stop the machine is not known, but the automobile went on the tracks directly in front of the car and was wrecked. The driver was hurled over a fence and will recover. Mr. Hause is survived by his wife and a son, Claude, of Salt Lake City, Utah.

## MINNESOTA.

Dover, Minn.—The Western Eltr. Co. is building an eltr.

Davidson, Minn.—Winkler & Paulson are building an eltr.

Arco, Minn.—Ferdinand Krueger has bot the eltr. of W. J. Tillotson.

Mahnomen, Minn.—J. H. Green will buy grain for the Northland Eltr. Co.

Darfur, Minn.—C. A. Englund will be grain buyer for the Western Eltr. Co.

Grove City, Minn.—P. G. Melby will be the new mgr. for the State Eltr. Co.

Roseau, Minn.—The Red Lake Falls Milling Co. is having an eltr. built here.

Norcross, Minn.—The eltr. of the Northwestern Eltr. Co. burned recently.

Grand Meadow, Minn.—C. W. Martin has bot the eltr. of the LaCrosse Grain Co.

Sanborn, Minn.—R. B. Suckreiter will be grain buyer for G. W. Van Dusen & Co.

Wabasso, Minn.—The Western Eltr. Co. will re-open its eltr. here closed last fall.

Hendrum, Minn.—Ed. Bersagel will be grain buyer at the eltr. of the Hendrum Eltr. Co.

Glenwood, Minn.—Carrol Ettesvold has been appointed mgr. for the Farmers Eltr. Co.

Nielsville, Minn.—The eltr. of the Northwestern Eltr. Co., that burned, will be rebuilt.

Benson, Minn.—T. Thorson has resigned as mgr. of the eltr. of the Benson Market Co.

Heron Lake, Minn.—W. L. Callison has been re-elected mgr. for the Farmers Co-op. Eltr. Co.

Hawley, Minn.—The Farmers Eltr. Co. has bot the coal shed and business formerly conducted by N. J. Thyssell & Sons, the shed being conveniently located next to the eltr.



Wabasha, Minn.—The Western Eltr. here is being wrecked by the La Crosse Wrecking Co.

Lamberton, Minn.—Thomas Masterson has been appointed mgr. for the Farmers Eltr. Co.

Mabel, Minn.—The Farmers Eltr. has been rented by a local syndicate for the coming season.

Cyrus, Minn.—L. T. Hogg has bot the eltr. of the Monarch Eltr. Co. He took possession Aug. 1.

Steen, Minn.—John Crangle has been elected mgr. for the Farmers Eltr. Co. for the coming year.

Hendricks, Minn.—The eltr. of the Western Eltr. Co. was opened for business Aug. 2 by L. E. Larson.

Lakefield, Minn.—The eltr. of the Bennett Grain Co. will be reopened this fall with John Hagerson in charge.

Mazeppa, Minn.—George Hilger will manage the eltr. of the Farmers Eltr. Co. during the coming season.

Clements, Minn.—J. E. Tainter will buy grain for the Western Eltr. Co., that closed its house here last fall.

Welcome, Minn.—E. B. Christgau of Dexter, Minn., has taken the management of the Welcome Farmers Eltr. Co.

Russia, sta., Crookston p. o., Minn.—Arthur Moreau will have charge of the eltr. of the St. Anthony & Dak. Eltr. Co.

Canby, Minn.—G. O. Miller will re-enter the grain business. He has bot the eltr. of the Atlas Eltr. Co. and will buy grain.

Breckenridge, Minn.—Outside work on the eltr. of Morgan, Kelly & Morgan is completed and the interior is being finished.

Ronneby, Minn.—John Feddema and others of Foley have bot the eltr. here of the Cargill Eltr. Co. and will move it to Foley.

Cleveland, Minn.—The eltr. of the Vaughan & Brackett Co. will be reopened with Mr. Evans of Walnut Grove as grain buyer.

Hector, Minn.—I am still with the Victoria Eltr. Co., having been transferred to this station from Deering, N. D.—Fred W. Roberts.

Duluth, Minn.—Ernest A. Vivian has entered the service of the Consolidated Eltr. Co. and will represent that firm on the Exchange floor.

Amboy, Minn.—Fire started in the eltr. of the Hubbard & Palmer Co., July 24, but prompt action extinguished it with a loss of about \$300.

Cottonwood, Minn.—A. E. Anderson, who bot the eltr. of the Northwestern Eltr. Co. 3 months ago, has taken possession of the property.

Franklin, Minn.—Oscar Johnson is grain buyer at the eltr. of the Security Eltr. Co., that opened Aug. 2, after having been closed last fall.

Canby, Minn.—A. C. Rud has resigned as buyer at the eltr. of G. W. Van Dusen & Co. and will go to Lake Benton to buy for the Farmers Co-op. Ass'n.

Herman, Minn.—B. F. Davis will be grain buyer for the Farmers Market Co., that recently bot the eltr. of the Duluth Eltr. Co., which it will open, Aug. 16.

Canton, Minn.—The Farmers Eltr. has been rented to Hellikson Bros., of Harmony, Minn., for the coming season, they having overbid Tollefson & Johnson, who have had the lease of it the past few years.

De Graff, Minn.—The farmers' eltr. company recently organized by Frank Armstrong, P. W. Bresnahan and others, has bot the eltr. of E. S. Mooers & Co.

Duluth, Minn.—Henry F. Arnes, formerly of Minneapolis, will represent Lamb, McGregor & Co. in place of C. H. Gordon who resigned to go to Kenkel, Todd & Co.

Hallock, Minn.—George E. Ebbinghausen of Grafton, N. D., will succeed M. J. Kraemer, who has been transferred to Parkers Prairie, as mgr. for the Woodworth Eltr. Co.

Hampton, Minn.—Henry Niedere of Hastings, Minn., has bot the eltr. here of the Rex Eltr. Co., that has been closed since last fall, and will put it in operation immediately.

Echo, Minn.—H. B. Engel has resigned as buyer for the Farmers Warehouse Ass'n and will go to Kramer, N. D., to take a similar position with the Farmers Eltr. Co. there.

Badger, Minn.—The Farmers' Eltr. company has bot the eltr. of the Hanson & Barzen Milling Co. for \$4,100. Construction has begun on the new eltr. for the Red Lake Falls Mlg. Co.

St. Hilaire, Minn.—The Farmers Co-op. Eltr. Co., that recently bot the Holmes eltr. operated by the St. Anthony & S. Dak. Eltr. Co., will employ Hans Hansen as agt. for the coming season.

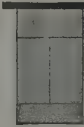
Parkers Prairie, Minn.—The Woodworth Eltr. Co. has been granted a new trial in its suit against F. A. Theis. Both had eltrs. on the same side track and it is alleged Theis took the wrong car of wheat.

Bagley, Minn.—The Bagley Roller Mills, burned July 12, will be rebuilt at once. At a meeting of the Commercial Club business men and former owners subscribed \$20,000 worth of stock to begin the work. A 50,000-bu. eltr. will be built in the new plant.

Spring Valley, Minn.—The La Crosse Grain Co., successor to the S. Y. Hyde Eltr. Co., moved its headquarters from La Crosse, Wis., Aug. 2, to this city, because the company's interests are now in Minnesota. It owns and operates 20 eltrs. along the Southern Minn. division of the C. M. & St. P. Ry. The company will soon be re-organized, retaining the same name and practically the same stockholders. S. Y. Hyde is pres.

Duluth, Minn.—The largest vertical stationary engine at the head of the lakes is now in operation at the new Eltr. D of the Consolidated Eltr. Co., having recently been completed by the Minneapolis Steel & Machinery Co. The engine, with 150 lbs. steam pressure will develop 1,500 indicated horse power at 75 r. p. m. The power is transmitted thru a rope drive, the main driving sheave being 16 ft. in diameter and weighing 44 tons. The main shaft is 22 inches in diameter.

Kasota, Minn.—The Kasota Eltr. Co. has had a force of men at work since May 1 making extensive improvements which will increase its handling capacity at least 25 per cent. This work will be completed and the house ready to operate by Aug. 20. The general offices of the company are to be removed to Chicago and offices will be established at Minneapolis and Milwaukee. J. J. La Due, who will have charge of the Chicago office, will be succeeded at the big cleaning eltr. by Geo. Farrell, who has had charge of the Watertown office for the past two years, with Harry La Due as assistant superintendent.



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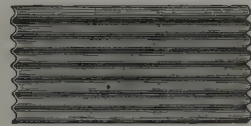
1/32" requires 9% more fuel.  
1/16" requires 12% more fuel.  
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Prevent it by trying at our expense with  
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**International Boiler Compound Co.**  
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Buffalo Lake, Minn.—Wm. Finley, who has been mgr. for the Buffalo Lake Farmers Eltr. Co. for two years, has resigned to take a similar position with the Farmers Eltr. Co. at Danube, Minn., where he has a valuable trade acquaintance, as he opened that house three years ago and managed it a year before coming here. John Rusch will succeed him here.

Boyd, Minn.—The Security Eltr. Co. has taken down its old eltr. at this place and has shipped the lumber to Nehon, S. D., where it will build a new eltr. G. Halvorson, its agt. here last year, will go there with it. A 50-bbl. mill is being built here by a local stock company of which W. Smith is pres. and mgr. I will continue as mgr. for the Farmers Eltr. & Merc. Co. during the coming season. —F. Hallberg.

#### MINNEAPOLIS LETTER.

Memberships in the Chamber of Commerce are now held at \$4,000.

George Harper has been granted a permit to build a \$13,000, ironclad grain eltr.

M. W. Smith, a grain dealer of Heron Lake, Minn., has applied for membership in the Minneapolis Chamber of Commerce.

C. S. Sheffield, grain and seed merchant of La Grange, Ky., has applied for membership in the Chamber of Commerce.

Kinsey Maxfield has applied for reapportionment as official grain sampler for the Chamber of Commerce for the ensuing year.

The first new rye was sold on the Chamber of Commerce July 30. Rye was received by the Anchor Grain Co. from Ottawa, Minn.

Randall, Gee & Mitchell have added the word Company to their firm name; capital stock, \$100,000; Wm. C. Mitchell, pres.; A. C. Randall, vice pres.; Henry D. Gee, sec'y and treas.

International Sugar Feed No. 2 Co. incorporated to manufacture all kinds of feeds, cereal products and mixtures of similar character; capital stock, \$750,000; M. W. Savage, pres.; H. Wehmann, sec'y; E. B. Savage, vice pres. and treas.

Crossed electric wires caused a fire that damaged the eltr. of the Dibble Grain Co. in southeast Minneapolis about \$3,000, July 26. Loss on grain not ascertained, except that it was rendered unfit for milling. The eltr. contained from 16,000 to 20,000 bus. of wheat.

The federal court at St. Paul on July 29 affirmed the conviction of Herbert Robinson, John L. Layne and F. E. Poliday on the charge of swindling under the guise of a grain brokerage business, at Minneapolis. Each must pay a fine of \$5,000 and serve 2 years in prison.

C. D. Orr of Northfield, Minn., the champion early barley shipper of the Northwest, who has been first in the Minneapolis market with new barley for several years, has again carried off this honor. The Getchell-Tanton Co. received the first car, July 28, and sold it to the Skewis Grain Co. for 62c per bu.

Stephen A. Dalton and James A. Gould have formed a partnership to engage in a strictly receiving commission business under the firm name of Dalton & Gould, which has succeeded the Seidl-Dalton Co. by the purchase of all its interests. The Gould Eltr. Co., owned principally by eastern malting interests, that formerly had its office with the Seidl-Dalton Co., has opened a separate office in charge of Frank J. Seidl.

H. S. Harper of this city and Woolson & Woolson of St. Paul have entered proceedings in bankruptcy against Sherman R. Norris, mgr. of the Minnesota Grain Indemnity Co., who is also accused by other creditors of obtaining money under false pretenses. His creditors claim he received \$100,000 during the last six months of his operations. His case has been continued to Sept. 16.

The grain commission and brokerage firm of Hallett & Co. changed its name to the Hallett & Carey Co., Aug. 1, with no change in the membership. Frank L. Carey, one of the veteran cash grain men of the Chamber of Commerce and well known to the grain trade of the Northwest, who has been a member of the firm in charge of its cash grain department for the past year, has thus added his name to the company and will continue in the same capacity. F. A. Hallett and G. A. Bausman will continue in charge of the firm's "futures."

Fire got within a few minutes of destroying the grain warehouse of the Dibble Eltr. Co., July 26. Firemen say the loss of \$10,000 might have been total had not the flames been discovered by railroad employees working near the eltr. and immediately reported. The fire was hard to fight after it caught in the grain bins. After an hour's work the fire chief declared it extinguished; but J. R. Tubbs, mgr. of the eltr., discovered more in the upper part of the 5-story, 50,000-bu. eltr., requiring another hour's work. Next morning the fire broke out afresh, but was soon extinguished. The eltr. contained 10,000 bus. of grain.

A Gt. Northern car containing more than 1,000 bus. of wheat was switched into the Washburn-Crosby eltr. in the afternoon of July 20 for a trial of the Behrendt-Lindquist-Chapman grain door, with which it was equipped. Members of the Chamber of Commerce, the state grain inspection department and representatives from the railroad and eltr. offices were in attendance. Gustav H. Behrendt, car inspector for the Gt. Northern in Minneapolis; Albert Lindquist, foreman of the Gt. N. shops, and Geo. E. Chapman of the Security Warehouse Co., are exploiting the new door that enables grain to be unloaded easily.

#### MISSOURI.

St. Joseph, Mo.—The Nebraska grain eltrs. recently purchased by N. S. Shannon, pres. of the Shannon Grain Co. and mgr. of the Elwood Grn. Co. did not belong to the Gregg Bros. grain firm, as published, but to the estate of the late J. H. Gregg, whose heirs were paid \$27,000, as stated in this column July 25, for the six Nebraska houses there mentioned. Gregg Bros. still own eltrs. at Onecida, Kan., Powells, Neb., Westboro, Mo., and Gravity, Ia.

Ferguson, Mo.—Joseph Felkel, the son of Edward E. Felkel, pres. of the Interstate Eltr. Co., who resides here, was injured July 29 by falling 25 ft. in an eltr. the company is building in East St. Louis. He had been working in the office of the company, but preferred manual labor and got a position as a carpenter. He was working on the bottom of a bin when he lost his balance and fell. He suffered a severe gash over the right eye besides being bruised.

#### KANSAS CITY LETTER.

B. C. Christopher, who suffered an operation for appendicitis, July 13, is making satisfactory progress towards recovery.

C. Fred Aylesworth of the Midland Eltr. Co. has bot the Board of Trade membership of G. B. Flack.

C. W. Lonsdale, who recently resigned from the management of the Home Grain Co., has organized and incorporated a new firm to be known as the Lonsdale Grain Co. He has a valuable trade acquaintance in the Southwest.

Arthur Freeman has resigned his position as pit broker for the Simonds-Shields Grain Co. and will locate in San Diego, Cal. He will be succeeded by Robert Y. Smith for several years with B. C. Christopher & Co., and his Board of Trade membership will be transferred to Mr. Smith.

The Home Grain Co., which for several years has operated here as the southwestern branch of the Van Dusen-Harrington Co. of Minneapolis, has announced its intention to dispose of its country eltrs. and grain houses. These are all located on the Rock Island in Kansas and Oklahoma with terminal houses operated under lease here and at Topeka. Many of the stations have already been taken over by the Midland Eltr. Co. controlled by the Peavey firm, and the Midland will for the present operate under lease the stations it has not purchased. The Kansas City terminal of the Home Grain Co. will be operated by Jolly & Blanchard of Topeka, and the Midland Co. will operate the Topeka terminal. The Home Co. will remain in business here as grain merchants with Fred B. Godfrey, former ass't mgr., in charge.

The trial of H. C. Nunn, chief grain inspector under state authority at this market, was begun July 29 before the state railroad and warehouse commission. On complaint by John Sheedy, inspector at the Milwaukee Eltr., it is charged that several cars of wheat of No. 3 grade were graded No. 2 by Mr. Nunn. Fred Dwyer, chief clerk in the state grain office, testified that the reports of wheat inspected into and out of the Milwaukee Eltr. were fictitious, one of the charges being that Mr. Nunn collected money for the inspection of these fictitious cars and falsely issued inspection certificates for cars never in existence. It is charged that Mr. Nunn was rigid in the in-inspection and liberal in the out-inspection at the Milwaukee Eltr. Otis E. O'Connor, assistant grain inspector, testified that his chief advised him to grade No. 3 wheat as No. 2. The wheat in question, he said, arrived at the Kansas-Missouri eltr. graded as No. 2, when in his opinion it was No. 3, and he so reported. Chief Inspector Nunn, he said, then ordered that wheat of certain grade arriving at eltrs. must go in as that grade. The witness detailed several occasions when he believed the superior officer had unduly influenced him in his inspection. If half the charges are true it would seem that Chief Nunn of Missouri and former Chief Radford of Kansas are tarred with the same stick.

#### ST. LOUIS LETTER.

The switching charge of the Wiggins Ferry has been reduced to \$1 per car.

Emil Summa, formerly city salesman for the Bemis Bros. Bag Co., has gone with the B. H. Long Grain & Commission Co. to attend to their cash grain interests.

The work of installing new legs, new conveyors and new cupola at the Rogers Eltr. of Langenberg Bros. & Co. has been completed by the Burrell Engineering & Construction Co.



Frederick R. Hattersley, sec'y of the F. Hattersley Brokerage & Commission Co. of this city and son of F. Hattersley founder and head of the concern, died at his home in Pattonville, Mo., July 31, aged 29. Peritonitis had set in immediately after an operation for appendicitis. He is survived by a widow and an infant son.

The Picker & Beardsley Commission Co. has filed in the U. S. District Court a petition in involuntary bankruptcy against the St. Louis Hay & Grain Co. The Interstate Warehouse & Eltr. Co. and the Corno Mills Co., both of this city are parties to the petition which alleges an indebtedness of more than \$1,400, and charges that last April the company made a general assignment to C. W. Smith and later had him appointed trustee to conduct the firm's business.

The city license collector is strenuously endeavoring to drive the legitimate grain dealers out of the city by cunning perversion of the tax laws. The collector has three ways of burdening the merchants. One is the commission license of \$25, for each \$100,000 of business transacted, and many firms have paid this. Another levy is \$1 per \$1,000 on the business of members of the Merchants Exchange who buy and sell grain, and the third ruling is that a tax of \$9.75 per \$1,000 valuation must be paid on the largest amount of grain held by each person at any one time in an eltr. in the city between the first Monday in March and the first Monday in June. The licenses paid by grain merchants in cities competing with St. Louis are only nominal.

## MONTANA.

Lanark, Mont.—Farmers will build an eltr. here.

Lakeside, Mont.—The St. Anthony & Dakota Eltr. Co. is considering erecting an eltr. at station.

Forsyth, Mont.—The Chase Lumber Co. has begun construction of a 20,000-bu. grain eltr. and is considering building another at Miles.

Wibaux, Mont.—I came here from Pembina, N. D., to take charge of the eltr. of the Minn. & Western Grain Co., Aug. 2. I have succeeded G. A. Buttery, resigned.—F. L. Griffiths.

Culbertson, Mont.—W. I. Saxton of Glenburne, N. D., has bot the Independent Eltr. formerly owned by Nordmarken & Walnum, and has made extensive repairs. He is an experienced grain buyer, and has opened the business himself.

Billings, Mont.—The Russell-Miller Mfg. Co., that recently let the contract to the Barnett & Record Co. for a 100,000-bu. eltr. plant, has placed its order with the Minneapolis Steel & Machinery Co. for the power plant equipment for its new mill. The installation will consist of a 12 and 26x36 ft. tandem compound Twin City corliss engine, a 12x11 high speed engine, evaporative surface condenser, 50 and 55-k. w. generators, boiler feed pump and piping.

## NEBRASKA.

Concord, Neb.—The Benson Grain Co. will build an eltr. here.

Chappell, Neb.—Work has commenced on the eltr. of Soeten & Ritchey.

Emerald, Neb.—Thos. Cochran is installing a new Sonander Automatic Scale.

Lorton, Neb.—The Jones Grain Co. is putting in a Sonander Automatic Scale.

Duncan, Neb.—The Hord Grain Co. has bot 2 Hall Signaling Grain Distributors.

Rising City, Neb.—The eltr. of the Omaha Eltr. Co. has been overhauled and necessary improvements made.

Auburn, Neb.—L. L. Coryell has leased the eltr. of J. W. Taylor for 5 years and will place an agt. in charge.

Malmö, Neb.—J. H. Holtorf has had the York Foundry & Eng. Works install an Avery Automatic Scale in his eltr.

Lincoln, Neb.—After using a Sonander Automatic Scale we are having 7 more installed in our eltrs.—Central Grainaries Co.

Johnson, Neb.—We are putting in a Sonander Automatic Scale and making some other improvements.—Duff Grain Co.

Rosalie, Neb.—The King-Traux Co. of Sioux City, Ia., is building an eltr. When it is completed 4 eltrs. will be in operation here.

Bee, Neb.—I have bot the eltr. from the J. E. Dorsey Grain Co. and will engage in the grain business at this station.—A. I. Gumbel.

Lowell, Neb.—D. O. Porter has accepted the position of mgr. of the eltr. of the Kearney Milling Co. at this point.—E. W. Lambert, Wray, Colo.

Newton, Neb.—The Milbourn-Smith Grain Co., successor to the Minden Grain Co., is now ready to buy grain, with N. O. Milbourn in charge.

Mitchell, Neb.—An alfalfa mill costing \$30,000 will be built. C. H. Blackburn, sec'y of the Commercial Club, has the charge of the enterprise.

Elk Creek, Neb.—The Central Granaries Co. has finished its new 10,000-bu. eltr. covered with galvanized iron, up-to-date equipment.—C. B. Poge, agt. C. Grn. Co.

Moorefield, Neb.—C. B. Millett, the agt. who operated the eltr. of the Shannon Grain Co. here for the past 6 years, has resigned and I have succeeded him.—James Pearson.

Cadams, Neb.—The Cadams Alfalfa Milling Co. has been organized with a capital stock of \$15,000; J. C. Day, pres.; E. S. Little, sec'y-treas. The company will begin building its plant at once.

Plainview, Neb.—George Engel has succeeded me as agt. for the McCaull-Webster Eltr. Co. at this station, and I have been transferred to Rosalie to work for the same firm.—Peter Christensen.

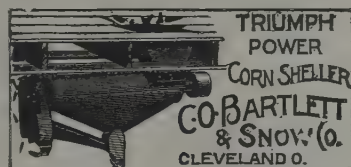
Monroe, Neb.—The farmers' ass'n that recently purchased the eltr. of the Omaha Eltr. Co., is considering new machinery. It has had the York Foundry & Engine works install an Avery Automatic Scale.

Arlington, Neb.—R. E. Roberts, the grain eltr. owner, is seriously ill, having been confined to the house for some weeks. His advanced age has so interfered with his recovery as to cause his family much anxiety.

Brainard, Neb.—W. F. Brooks of Council Bluffs, Ia., a carpenter employed by the Omaha Eltr. Co. to make some repairs in its eltr. here, was severely burned by falling into one of the pits with a lighted lantern which exploded.

Harvard, Neb.—Andrew Z. Megrue, who for 9 years has been mgr. for the Trans-Miss. Grn. Co. in Eldorado, Neb., has succeeded E. K. Richards as local mgr. for the Updike Grain Co. at this station, where he spent his boyhood. He has moved his family here and is enjoying a cordial welcome home.

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This book is for the use of the grain buyer in contracting with farmer patrons for grain. By recording agreements made for the delivery of grain bought, each party thereto obtains a clear statement of what is intended by the other, and the farmer lives up to his contract.

The stub is signed by the farmer certifying that he has sold . . . . . bushels of . . . . . at . . . . . per bu., to be delivered on or before . . . . . It also certifies that he has received . . . . . dollars on the contract. The other part is signed by the elevator man and given to the farmer. It certifies that the elevator man has bought so much grain, etc.

Each book contains 50 contracts, numbered in duplicate, printed on bond paper, size 12x4 1/2". If you contract for grain you can not afford to be without these blanks.

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**GRAIN DEALERS JOURNAL**  
255 La Salle Street, CHICAGO, ILL.

Hubbell, Neb.—The Hubbell Farmers Eltr. Co. incorporated by S. D. Brown, pres., D. J. Baldwin, sec'y and treas., and others; capital stock, \$15,000. This is the company that recently let the contract for a new eltr. to G. H. Birchard.

Kearney, Neb.—The five eltrs. and feed yards the T. B. Hord Grain Co. recently bot of E. D. Gould of this city are located on the Burlington at Brayton, Cushing, Greeley, Horace and Wolbach, Neb. Mr. Gould's object in disposing of them was to center his interests around Kearney.

Omaha, Neb.—The Middle West Eltr. Co. incorporated to do a general grain business by Robert W. John R., and Wm. T. Hale, jr., and Charles E. Niswonger, directors; capital stock, \$100,000. The new company has opened offices in the Brandeis bldg. with C. E. Niswonger, sec'y, in charge as general mgr.

Omaha, Neb.—We are highly pleased that the bill for state grain inspection was defeated in the last legislature as there was no necessity for the law at this point. I am in touch with the shippers generally into this market and believe that they are looking to Omaha with great satisfaction as far as the inspection and weighing department is concerned.—Geo. B. Powell, Chief Inspector and Weighmaster.

Seward, Neb.—White & Levi of Lincoln, Neb., and L. C. Johnson of Seward are interested with business men of this place in promoting the newly organized Seward Cereal & Alfalfa Milling Co., that will replace the oat meal machinery of the Seward Cereal Mills with high-grade alfalfa machinery, and will also operate the corn cereal machinery already in the plant. The company has a nearly new 100-h.p. engine and two good 60-h.p. boilers which it deems sufficient to furnish power for both mills.

### NEW ENGLAND.

Boston, Mass.—Lord & Webster grain and hay receivers have discontinued.

Holyoke, Mass.—W. I. Morse and J. C. Clossey have been admitted to partnership in Prentiss, Brooks & Co.

### NEW JERSEY.

Newark, N. J.—N. Drake incorporated to deal in grain, straw, flour, by Nathaniel Drake, E. Arthur and Nathaniel C. Drake; capital stock \$100,000.

### NEW YORK.

New Milford, N. Y.—The grain and feed store of Conklin & Strong burned recently; loss \$27,000; insurance, \$17,000.

New York, N. Y.—A small corner in July wheat culminated on the last day of the month with a top quotation of \$1.50 per bu. Defaults were 20,000 bus. and were settled at \$1.49. The wheat had been bot for export and some of the grain sold missed grade.

The Ryan Elevating & Forwarding Co. has made complaint to the state public service commission against the charge by the New York Central of 10 cents per 100 lbs. and asking that the rates of \$3.50 per car be extended to all eltrs. on the Buffalo Creek and the Lackawanna.

### NORTH DAKOTA.

Crosby, N. D.—The Equity Society will build an eltr.

Hurd, N. D.—H. G. Gage, whose eltr. burned June 15, will rebuild.

Hurd, N. D.—Edward Rose will be mgr. for the Farmers Eltr. of Hurd.

Brinsmade, N. D.—John Adams will have charge of the Powers Eltr. Co.

Heaton, N. D.—J. A. Frank has been elected mgr. at the Heaton Farmers Eltr.

Belfield, N. D.—Albert Hilke will buy grain for the Minn. & Western Grain Co. Hannaford, N. D.—Oscar Englestad will buy grain at the eltr. of N. J. Olsen.

Esmond, N. D.—E. Nelson of Souris has bot the eltr. here of N. O. Hendricks.

Buffalo, N. D.—I. J. Hough has been reappointed mgr. for the Farmers Eltr. Co.

New England, N. D.—O. B. Dibble of Bismarck is considering building an eltr. at this point.

Lankin, N. D.—Mr. Warren of Forest River will buy grain here for the Northland Eltr. Co.

Adams, N. D.—John Thorvilson has taken the position of mgr. for the Woodworth Eltr. Co.

Omamee, N. D.—The eltr. of the Northland Eltr. Co., wrecked by a tornado July 2, is being rebuilt.

Kuroki sta., Westhope p. o., N. D.—Farmers in this vicinity will organize to build or buy an eltr.

Bismarck, N. D.—Governor Burke has promised to issue a proclamation appointing a durum wheat day.

Ryder, N. D.—A farmers eltr. company has been incorporated by Jas. A. Shea, W. M. Paulson and others.

Newburg, N. D.—Ernest Lindgren has been appointed mgr. of the eltr. of the Riverside Farmers Eltr. Co.

Cashel, N. D.—I am now agt. for the Monarch Eltr. Co. Came here from Drayton, N. D.—F. R. Lynch.

Agate, N. D.—The Farmers Eltr. Co. of Bisbee, N. D., will build an eltr. here, ready to handle grain this fall.

Langdon, N. D.—John McGulgan will be local agt. for the Northwestern Eltr. Co. during the coming grain season.

Donnybrook, N. D.—I will not enlarge the eltr. I recently purchased but will put in a feed mill.—D. A. McLeod.

Inkster, N. D.—A new foundation is being put under the eltr. of the Heising Eltr. Co. and a new driveway made.

Reeves sta., Ypsilanti p. o., N. D.—The Star Eltr. Co. has let the contract to B. E. Palmer for a new 25,000-bu. eltr.

Sharon, N. D.—The eltr. of the St. Anthony & Dak. Eltr. Co. has been overhauled and a new office and engine room built.

Devils Lake, N. D.—Richard Burke has resigned as auditor for the Farmers Grain Co. and will move his family to Oregon.

Mooreton, N. D.—The Mooreton Farmers Eltr. Co. has let the contract to B. E. Palmer for a commodious addition to its eltr.

De Lamere, N. D.—I have just opened the eltr. of the Andrews Grain Co., having come here from McClusky, N. D.—Elf Anderson.

Forman, N. D.—The Osborne-McMillan Eltr. Co. will begin the erection of a new eltr. as soon as material can be brot on the ground.

Port Emma sta., Guelph p. o., N. D.—R. S. Higgins of Rothsay, Minn., has taken a position here with the Northwestern Eltr. Co.

Brampton, N. D.—The recently incorporated Brampton Farmers Eltr. Co. has its new 30,000-bu. eltr. completed by Moulton & Evans.

Pembina, N. D.—The Monarch Eltr. Co. will not open its house for business here this fall.—F. L. Griffiths, former agt., Wibaux, Mont.

Ellendale, N. D.—Carpenters are at work on the eltr. of Walton & Wall. E. D. Pierce has been elected mgr. of the Ellendale Grn. & Pro. Co.

Rutland, N. D.—Anton Carlson has moved his family here from Grove City, Minn. He will buy grain for the St. Anthony & Dak. Eltr. Co.

Ellendale, N. D.—Have 30,000-bu. eltr. nearly completed by L. O. Hickok & Son, equipped as stated in this column July 25.—Ellendale Grain & Pro. Co.

Haynes sta., Hettinger p. o., N. D.—The Western Lumber & Grain Co. will build a new eltr. at this station and L. Satler will be the grain buyer.

Chaffee, N. D.—The Amenia & Sharon Land Co. has let the contract for the moving of its eltr. to Ed. Frank, who will also build for J. G. Brown.

Deering, N. D.—Charles Calkins has succeeded me as local agt. for the Victoria Eltr. Co., which has transferred me to a Hector, Minn.—F. W. Roberts.

Lisbon, N. D.—The Bemmels Milling Co. has contracted for a 35,000-bu., fire-proof eltr., and has closed the mill to install new machinery increasing its capacity.

Upham, N. D.—Work on the new eltr. of the Upham Farmers Eltr. Co. is being pushed by Honstain Bros. of Minneapolis, to get it ready to handle the new crop.

Lisbon, N. D.—O. A. Kneeland has been re-employed as mgr. for the Farmers Eltr. & Merc. Co. The company successfully handled 216,946 bus. of grain during the year.

Kramer, N. D.—H. B. Engel, who has been buyer for the Farmers Warehouse Ass'n at Echo, Minn., will be mgr. for the Farmers Eltr. Co. here during the coming crop year.

Hamilton, N. D.—J. T. O'Brien has resigned as local agt. for the St. Anthony & Dak. Eltr. Co.; and E. R. Marquadt has been appointed agt. for the Northwestern Eltr. Co.

Hamilton, N. D.—I have just taken charge of the eltr. here for the St. Anthony & Dakota Eltr. Co. I was formerly agent for the Western Eltr. Co. at Minnuska, Minn.—J. W. Canfield.

Gilstrap, N. D.—Farmers in this vicinity are organizing an eltr. company with a capital of \$5,000. Among the promoters are E. E. Papke, W. C. Sager and Thomas Thompson of North Lemmon, p. o. Lemmon, S. D.

Grano, N. D.—We will build a 30,000-bu. eltr. on the Soo Ry., 7 mi. west of this place, equipped with latest machinery. W. A. Waldron is pres.—Wm. A. Gogstetter, sec'y and treas. Mouse River Farmers Co-op. Eltr. Co.

Sawyer, N. D.—The recently organized Farmers Eltr. Co. of Logan sta., Hecker p. o., N. D., has bot the eltr. here, that the Minnetonka Eltr. Co. purchased a few weeks ago of the Independent Eltr. Co. thru its mgr., Thomas N. Wold.

Dickinson, N. D.—The 30,000-bu. eltr. of the Lyon Eltr. Co. has been moved by the N. P. R. R. to straighten its tracks, and improvements are being made. A new cement foundation has been put in, a steel pit will replace the old corrugated iron one, and electric motor power will be used instead of gasoline.



Langdon, N. D.—The Amenla Eltr. Co. has decided not to rebuild its eltr. destroyed by a tornado, May 29, and its local agt., F. R. Lilly, who has been here for the past six years, has taken a position with the Alberta Pacific Eltr. Co. to have charge of one of its houses in the vicinity of Calgary, Alta., where he also intends to take up a homestead.

Benedict, N. D.—We have our 30,000-bu. eltr. almost completed. It will be equipped with the latest improved machinery including an automatic scale, a Monitor Cleaner, and a manlift. We will install a feed mill after threshing. We are incorporated for \$25,000 to handle flour, feed, coal and lumber.—W. S. Smith, sec'y and mgr. Farmers Eltr. Co.

La Moure, N. D.—The eltr., flour mill and warehouse of the La Moure Milling Co. burned July 19; loss, \$63,000. The company will probably rebuild. It is composed of Minneapolis capitalists, who bot the mill property of B. N. Stone, took possession and began to make improvements last February, that had just been completed ready for operation when this fire swept all away.

Grand Forks, N. D.—Thru the thoughtfulness of the Minneapolis Chamber of Commerce \$250 in four prizes for the best samples of wheat were awarded July 22 at the North Dakota state fair. H. Gailfus of Picton received \$100 for the best showing of red fye wheat, weighing 60½ lbs. to the bushel and earning 99 points for color and 97 for plumpness. Wm. Huggins of East Grand Forks obtained the second prize of \$25 for wheat that scored 99 for plumpness but did not rank as well in color and weight. Edward Palmer of Aneta won the first prize of \$100 on bluestem wheat that scored 96 in both color and plumpness and weighed 59 lbs. J. G. Kane of Russell won second prize on bluestem that weighed 60 lbs. per bu. but lost by one point for plumpness. O. O. Churchill, grain expert at the N. D. Agri. College in Fargo, did the scoring.

## OHIO.

Weston, O.—We have succeeded Baldwin Co.—Baldwin & Dirk.

Ohio City, O.—E. C. Fisher has sold his eltr. to Behymer Bros. of Rockford.

Mantua, O.—The Mantua Grain & Supply Co. has succeeded O. J. Baumgardner.

Toledo, O.—The first car of this year's crop of oats was received here July 26 from Illinois and graded No. 3 mixed.

Toledo, O.—Harry Cuddeback has petitioned the court to dissolve the Cuddeback Grain Co. and appoint a receiver.

Cincinnati, O.—The Interstate Grain Co.'s new eltr. has been completed by the Burrell Engineering & Construction Co.

Centerburg, O.—T. D. Updike & Son have succeeded Alsord & Son in the operation of the eltr. on the C. & A. & C. R. R.

Gomer, O.—We are informed a new eltr. will be built here this season on the C. L. & M. R. R.—Dolby & Morton, Delphos, O.

Bellevue, O.—The foundation has been completed for the steel tank eltr. to be erected by Fred Friedline & Co. for the Farmers Eltr. Co.

Cincinnati, O.—John A. Ferger, who has been with Early & Daniels Co., for 12 yrs., has purchased an interest in August Ferger & Co.

Celina, O.—The Beaver Mills & Grain Co. incorporated with a capital of \$25,000 by J. F. and John Raudabaugh, Fred Olenhausen and others.

Lima, O.—The Northwestern Ohio Grain Dealers Ass'n met recently with Pres. W. T. Dolbey of Delphos in the chair. The condition of crops was discussed.

Toledo, O.—The Guy G. Major Co. has increased its capital stock from \$100,000 to \$175,000 and will build a 100x200 ft. addition to its linseed mill. New machinery will be installed in October.

Cincinnati, O.—The Ohio Storage Supply Co. incorporated to store and handle seeds and grain; capital stock, \$100,000; incorporators, Wm. G. Anger, Howard C. Cutter, Thos. C. Fagan and others.

Cincinnati, O.—A joint committee of railroad and grain men has been appointed to agree on the handling of grain doors for cars. On the committee are H. Lee Early, Ed Richter and Ed Fitzgerald.

Cleveland, O.—The Cleveland Chamber of Commerce grain committee on July 26 adopted the uniform rules of the Grain Dealers National Ass'n for the grading of grain in this market, to begin Aug. 1.—J. E. Heniken, chief grain inspector.

Cincinnati, O.—The Big Four has notified hay receivers and shippers that the official inspectors will be permitted to make the customary inspections without delay and without procuring the B/L on cars consigned to shipper's order, notify.

Toledo, O.—The Produce Exchange on Aug. 1 put into effect a schedule of commission charges in line with the rates of other leading grain markets. The advance is on wheat from ½ cent to 1 cent. The charge for selling corn, oats, rye and barley remains at ½ cent per bu.

Findlay, O.—The Ohio Hay & Grain Co., composed of Thos. C. Linger and Wm. S. Loomis, has brot suit against L. J. and H. A. Lederer of Baltimore, Md., to recover \$300 damages, alleging that a consignment of grain was not disposed of in accordance with the terms of a contract.

Cincinnati, O.—We are at present working on the plans for the new eltr. The capacity will be from 50,000 to 75,000 bu. and we will be equipped with all modern cleaners, clippers, shellers and other machinery used in the grain line. We hope to be building within the next six weeks.—August Ferger & Co.

Columbus, O.—The Seeds Grain & Hay Co. has increased its capital stock from \$60,000 to \$150,000, which means an enlargement of its business with facilities greatly increased and many improvements in its plant. E. W. Seeds, the general mgr., wishes to build an eltr. large enough to make this city a grain distributing center.

College Corner, O.—O. P. Davis reports the distressing accident at his eltr., Aug. 7, in which his 12-year-old daughter lost her life. He says she had gone up stairs unnoticed and got into a wheat bin from which they were loading a car, and was taken down with the wheat and suffocated under about 8 ft. of grain. The bottom of the bin had to be chopped out, the body having passed down and shut off the flow of wheat when discovered. This is the first death in Mr. Davis's family, and its tragic manner so increases the force of the blow the sorrow-stricken father says "it seems unbearable."

## Car Movers

For \$3.75

Your Choice of

Easy  
Atlas  
Samson  
Special  
Sheldon  
Champion

Manufacturer  
Price  
\$5.00

Each is claimed to be the best. Order the one you want.

Elevator Machinery, Supplies, Engines, Scales, etc.

at lowest prices. Prompt shipments.

American Supply Co.  
1110 Farnam St., Omaha, Neb.

## SCOOP-TRUCK

This shovel bears the same relation to the country elevator and mill that the power shovel does to the terminal elevator.

So simple and yet so entirely efficient you will wonder how you ever got along without it.

ONE PRICE,  
\$10.00

Detroit  
Scoop-Truck Co.

2225 W. Jefferson Ave.,  
Detroit, Mich.

## Elevators Wanted

To get in direct communication with would-be buyers of grain elevators reply to ads in the "Elevators Wanted" columns of the GRAIN DEALERS JOURNAL.

## Clark's Grain Tables for Wagon Loads

TWELFTH EDITION

The best and most complete edition of these popular reduction tables ever issued.

It contains 16 grain tables and two pages of freight tables all printed from heavy-faced type in two colors on 175-pound Manila stock. It is re-inforced at back with silk cloth.

It has a string loop attached so it can be hung up beside the scale beam. Marginal index for quickly finding table wanted.

All reductions are complete on one page. It has a range from 100 to 4,090 lbs. on 10-pound breaks.

The tables show the following reductions: Oats at 32 lbs., 33 lbs. and 35 lbs. Timothy Seed, 45 lbs. Barley, Hungarian Grass Seed and Corn Meal at 48 lbs. Barley at 50 lbs. Shelled Corn Rye and Flax Seed at 55 lbs. Wheat, Clover Seed, Beans, Peas and Potatoes at 60 lbs. Wheat, 60 lbs., with 1, 2 3 and 5 lbs. dockage. Ear Corn at 70 lbs., 72 lbs., 75 lbs. and 80 lbs. per bu.

Freight table shows rate per bushel at 50, 55, 48 and 32 lbs. per bu. when the rate per 100 lbs. is 1 to 30¢ cents in ½ cent rises.

Price, postpaid, 50 cents

GRAIN DEALERS JOURNAL  
255 La Salle Street CHICAGO, ILL.

Shiloh, O.—The Shiloh Milling Co., Geo. W. Hoffman, mgr., has just completed a new eltr. with a tile tank bin of 7,000 bus. storage capacity adjoining. The tank is divided by wood partitions into four hopped bottomed bins and a 7 ft. basement will be used as a seed warehouse. A custom mill is being erected 15 ft. away. The eltr. contains 2 legs with 5x8 buckets, an Invincible Cleaner, a dump scale (no bags loaned), and a loading spout 124 ft. long running from cupola 54 high to cars across the street.

West Salem, O.—Wm. P. Neill, a grain eltr. owner, was drowned in the Cuyahoga River at Cleveland, in the evening of July 23. It is not known whether he jumped from the dock or from the deck of the City of Cleveland as she was leaving port, or whether he accidentally fell in or was pushed overboard. An employee on the steamer saw a man struggling in the water as the boat was leaving the dock. He called to men on the docks, who fished a hat and a suitcase out of the water but could see nothing of the man. Mr. Neill's body was found next morning and later identified by friends, William Salen his father-in-law, and son Carl Salen, who pronounce his home life a model and his business affairs in the best shape.

## OKLAHOMA.

Wagoner, Okla.—Eltr. of V. Lamb burned July 31.

Hobart, Okla.—The Warwick Grain Co. has commenced business with R. P. Warwick local mgr.

Tonkawa, Okla.—H. L. Miller, C. C. Crawford and others are planning the erection of an alfalfa mill.

Frederick, Okla.—Investors represented by A. P. Hughes of Plano, Tex., are considering the erection of an alfalfa mill here.

Manchester, Okla.—Enough of the \$15,000 capital stock desired has been subscribed to assure the erection of an alfalfa mill.

Guthrie, Okla.—The railroads have appealed to the supreme court from the order of the state corporation commission amending the tariffs of grain and hay.

Oklahoma City, Okla.—After seven years active association with the Oklahoma City Mill & Eltr. Co. I have opened a wholesale grain office here in the Campbell Bldg.—Major Moberly.

Oklahoma City, Okla.—The Harrah-Robb Grain Co. has opened an office to do a general grain business. Mr. Robb was formerly in Wichita and is a brother of J. C. Robb of Kansas City.

Oklahoma City, Okla.—Flower Bros. have opened an office to do a grain brokerage business. The firm is composed of E. G. Flowers of Vicksburg, Miss., and U. G. Flowers of this city.

Oklahoma City, Okla.—A Grain Exchange is being organized at this city to start with 40 members engaged in the cash grain and brokerage business. Quarters will be leased in one of the downtown office buildings.

Guthrie, Okla.—Eltrs. and flouring mills lead all other Oklahoma manufacturing industries in annual output, according to figures compiled by Ass't. Labor Com. W. G. Ashton. Products of eltrs. and mills in 1908 were valued at \$11,392,336, with \$9,147,619 paid out for material and \$530,437 paid in wages to 917 men and 10 women in 89 establishments.

Oklahoma City, Okla.—A special meeting of the Oklahoma Grain Dealers Ass'n was called for the evening of Saturday, Aug. 7, to determine what the dealers and millers should do with reference to furnishing the farmers with new seed wheat, a question in which all should be interested.

New members of the Oklahoma Grain Dealers Ass'n are Gummerson & Krause of Kremlin; Bell Grain Co., Navina; Matthews-Linton Grain Co., Chickasha; Dan Neil, Billings; J. H. Pruitt Grain Co., Oklahoma City; Frank Wells, Sumpter; Harrah-Robb Grain Co., Oklahoma City; and H. B. Campbell, Welch, as reported by C. F. Prouty, sec'y.

Oklahoma City, Okla.—Correcting an item in this column July 25 we would state that the J. H. Pruitt Grain Co., of Oklahoma City, is a member of the Oklahoma Grain Dealers Ass'n, having taken out membership for Oklahoma City immediately upon notification of the secretary that the membership of J. H. Pruitt of Lindsay, Okla., could not be used in connection with the Oklahoma business. —J. H. Pruitt Grain Co.

## PENNSYLVANIA.

Pittsburg, Pa.—Edward May & Son are not members of the Grain and Flour Exchange.

Mascot, Pa.—J. K. Ressler of this place believes all farmers who buy feed in carload lots and sell part of it from the car should be required to pay a mercantile tax.

Philadelphia, Pa.—The Commercial Exchange on July 29 adopted the following rates of commission: For receiving, selling and accounting for: wheat, 1c per bu; corn, for export, ½c per bu; domestic, 1c per bu; oats, for export, ½c per bu; domestic, ¾c per bu; rye, 1c per bu; barley, for export, ¾c per bu; domestic, 1c per bu; ear corn, 1½c per bu; bran, shorts, chops, mixed or mill feed, 50c per ton in carload lots; clover, timothy and other seeds, 2 per cent. In addition to the foregoing specified rates of commission, there shall be charged the legal rate of interest on all advances, inspection and other charges which may be incurred. No rebate, drawback, brokerage, or allowance of any kind, shall be made, directly or indirectly, or thru any other party or parties. Nothing in this rule shall be construed to prevent any higher rates of commission being charged, by special agreement. If any member of this Exchange be accused of violating these commission rules, and be found guilty by the board of directors of violating any of the provisions or requirements thereof, he shall be fined not exceeding five hundred dollars for each offense, and until such fine be paid shall be denied the privileges of the floor.

## PHILADELPHIA LETTER.

During July 168,283 brls. of flour, 672,956 bus. of wheat, 120,410 bus. of corn, and 357,544 bus. of oats were received.

Seven new modern piers are to be erected along the Delaware river front and \$2,500,000 is to be expended to give greater facilities to the shipping and railroad interests.

At last a conference is to be had between the Commercial Exchange interests, the grain and flour trade representatives and the big railroads for a friendly "pow wow" over diversion freight charges and other vital tariff discriminations, so-called. For the present an armistice has been declared.

The increase in the corn exports from Philadelphia for the last seven months over the same time of the previous year amounted to 2,021,454 bus. and the receipts were 1,288,522 bus. greater.

There is a general complaint of the dullness of the grain trade among the men on 'change and collections rather slow, but all agree now since the tariff "bugaboo" has been settled that better days are coming.

Col. E. L. Rogers, Clarence S. Woolman, J. W. Beatty, E. P. Cochran, W. A. Huey, Norman P. Holland and the other members of the hay trade from this vicinity who attended the Convention of the National Hay Association at Cedar Point, O., returned home well pleased with their trip and reception by the "Buckeye boys."

Although it is scarcely a week since the pure food enactment passed by the late legislature of Pennsylvania went into effect, it is said that sufficient evidence has already been gathered to warrant a number of arrests of the purveyors of rice hulls, peanut shells, etc., and ground fine and mixed with some of the by-products of the mills, and it is claimed that a great explosion among the feed adulterers will soon take place.

The Philadelphia Grain Eltr. at Port Richmond, that has been operated for years by Charles M. Taylor's Sons, and was built by the founder of the present firm, has been taken over by the Philadelphia & Reading Ry., as sole owner. In recent years Charles M. Taylor's Sons operated the eltr. under a contract with the Philadelphia & R. When that contract expired the Ry. decided to take the property into its own control, believing it could reduce expense of operation. This does not involve a change in the corporation previously operating the eltr. That will remain the Philadelphia Grain Eltr. Co., of which W. R. Taylor is pres. and O. H. Hagerman is mgr., recently elected.

## SOUTH DAKOTA.

Florence, S. D.—Will Handen has bot the eltr. of A. J. Rieger.

Huron, S. D.—I am out of the grain business.—J. H. Windherst.

Quinn, S. D.—The Van Dusen Eltr. Co. will build an eltr. here.

Hartford, S. D.—An addition is being built to the eltr. of A. H. Betts.

Viborg, S. D.—S. E. Hansen will be mgr. for the Farmers Co-op. Eltr. Co.

Henry, S. D.—W. H. Parliament is now mgr. of the Farmers Union Eltr. Co.

Springfield, S. D.—I will open business about Aug. 15 in my new eltr.—S. M. Brann.

Marvin, S. D.—H. H. Walters of Bruce, S. D., will enlarge his eltr. at this point.

Scenic, S. D.—H. L. Malby & Son have embarked in the grain, coal and lumber business.

Wetonka, S. D.—Lew Holmes will be mgr. for the recently incorporated Farmers Eltr. Co.

Parkston, S. D.—Martin Friedrich & Co. have bot the eltr. of A. A. Truax.—H. E. Reed.

Miller, S. D.—H. C. Ohlson will be grain buyer at the eltr. of G. W. Van Dusen & Co.

Bonesteel, S. D.—G. O. Bledgen has taken the position with the South Dakota Grain Co., in this city formerly held by F. Victor Chesley.



Mt. Vernon, S. D.—I am with A. A. Truax; came here from Parkston, S. D.—H. E. Reed.

Faulkton, S. D.—Henry Wendt will be grain buyer at the eltr. of the Geo. C. Bagley Eltr. Co.

Emery, S. D.—The Farmers Eltr. Co. has let the contract for the erection of an eltr. to L. Buege.

De Smet, S. D.—O. J. Hill has succeeded me as agt. for G. W. Van Dusen & Co.—Milo Billings.

Butler, S. D.—Work has begun on the new eltr. of the Chilson Grain Co. to replace that burned last May.

Forestville, S. D.—B. J. Murray has succeeded Mr. Bucholz, resigned, as agt. for the McCaull-Webster Eltr. Co.

Platte, S. D.—The Charles Mix County Farmers Eltr. Co. has bot a Hall Signaling, Non-mixing Grain Distributor.

Lyons, S. D.—The Cedar Rapids Grain Co. has bot the eltr. of John Mundt—H. D. Mundt, mgr. John Mundt & Son.

Hecla, S. D.—J. D. Lyons has succeeded Chas. W. Estee, resigned, as agt. at the eltr. of the Sleepy Eye Mlg. Co.

Mission Hill, S. D.—We will install a new 8-h. p. engine, new leg thruout and replank the driveway.—Farmers Eltr. Co.

Hitchcock, S. D.—I am again in the grain business with G. W. Van Dusen & Co.—Milo Billings, formerly at De Smet, S. D.

Burch, S. D.—The Farmers Co-op. Grain Co. of Britton, S. D., has bot the eltr. here of the St. Anthony & Dak. Eltr. Co.

Newark, S. D.—Several carloads of material have arrived for the new eltr. of the National Eltr. Co. to be erected by T. E. Ibberson.

Como sta., Sinai p. o., S. D.—Simon Soward has bot an eltr. but will reside at Arlington, S. D., while conducting the grain business here.

Volin, S. D.—The town of Stafford is to be started at Stafford's crossing between this place and Irene and M. King will build an eltr. there.

Troquois, S. D.—Work on the new 30,000-bu. eltr. of the recently organized Farmers Co-op. Eltr. Co. has been stopped by the C. & N. R. R. until further notice.

Junius, S. D.—D. McKinnon has bot the grain flathouse of the Ostroot Eltr. Co. and has let the contract to the Younglove Construction Co. to remodel it into an eltr.; capacity, 27,000 bus.

Booge, S. D.—The Booge Eltr. Co., a farmers' company, has bot the eltr. of E. A. Brown, and has employed J. A. Emerson of Mankato, Minn., to buy grain. He has moved his family here.—G. W. Wright, Valley Springs, S. D.

Watertown, S. D.—J. W. Strohm of Tracy, Minn., and E. H. Watts of Sioux Falls, barley experts and experienced track buyers, have formed a partnership under the firm name of Strohm & Watts, and have opened an office here to buy barley for eastern maltsters, mixers and exporters.—J. W. Strohm.

Aberdeen, S. D.—The Freeman-Bain Co. has begun work on its new eltr. replacing that burned some time ago. The Eagle Roller Mills Co. is improving its eltr. to get ready for the fall business. The Pacific Eltr. Co. has installed a new electric motor for elevating purposes and has also improved its flour and feed warehouse. I am its local agt.—H. H. Sand.

Wolsey, S. D.—George L. Chesley, of Armour, S. D., has bought the James Hanskutt eltr. at Wolsey. F. Victor Chesley will do the buying for him. Schaeffer Bros. & Co. and the South Dakota Grain Co. are both repairing their elevators here.

Crooks, S. D.—The Cedar Rapids Grain Co. has bot the eltr. of John Mundt and E. A. Severin, formerly mgr. of the New Hope Grain Co., will have charge. Geo. Crooks is the new mgr. for the Farmers Eltr. Co.—H. Mundt, mgr. John Mundt & Son.

Clark, S. D.—At the recent annual meeting of the Clark County Farmers Eltr. Co., C. E. Richmond was re-elected mgr. Byron Rice of Elgin, Minn., will come here to work with Mr. Richmond as soon as he can arrange his affairs. His wife and son will come later.

Sioux Falls, S. D.—The Plymouth Eltr. Co., a South Dakota corporation with headquarters here and 9 eltrs. in Iowa and Minnesota, has gone into bankruptcy. W. Z. Sharp of this place was appointed receiver Aug. 4. For a couple of weeks it had been known that the company's affairs were in bad shape. Creditors of the firm met here for a conference and everything was done to avoid bankruptcy proceedings. J. G. Walters of Sioux Falls was pres. He announced that as his health was badly affected he was going to a hospital in Minneapolis to recuperate. Instead of doing so it was learned that he went to northwestern Canada where he has a brother, and where he is now believed to be. His departure under false pretenses led to the bankruptcy proceedings by the creditors, mostly grain and commission men with whom the firm was doing business. Assets are about \$40,000, with \$55,000 liabilities. It is the general impression that if Mr. Walters' health had not broken he could easily have carried the concern thru its difficulties.

## TENNESSEE.

Nashville, Tenn.—The Nashville Grain Exchange will petition the Interstate Commerce Commission to defer until January its recent order discontinuing the rebilling privileges, it is said.

Fayetteville, Tenn.—The numerous friends of K. K. Holman, the well known grain dealer and miller of this city, will regret to hear of his death which occurred August 3 at 2:45 a. m. The funeral was conducted the following Wednesday. Burial was at Rose Hill cemetery.

Memphis, Tenn.—J. B. Edgar Grain Co. has let contract to Fred Friedline & Co. for an alfalfa meal mill 60x200, 2 stories, of heavy frame construction, to be equipped with unloading and elevating machinery for grain, also feed grinding and feed mixing, electric motors and automatic scales. Mr. Edgar has been finding an increased demand for the output of his alfalfa mill and found it necessary to enlarge. He has shipping facilities over the N., C. & St. L.; L. & N. and I. C. Railroads.

Nashville, Tenn.—The Kendrick-Roan Grain & Eltr. Co. has been thrown into bankruptcy by an involuntary petition filed by Mrs. Louisa Roan, with a claim of \$5,075; C. Perry Snell, with a claim of \$27,006, and R. E. Hickman, with a claim of \$1,000. The principal creditor, Mr. Snell, is a resident of St. Petersburg, Fla., and he is said to have invested extensively in the concern. The filing of the petition is said to be the result of in-

Baltimore, August 5th, 1909.

## TO SHIPPERS:

# AGAIN

THE

## FIRST CAR

of new oats from the West to reach Baltimore was received by us.

This car arrived here late in the afternoon of August 4, and was officially graded 3 white Oats on the morning of August 5th.

These oats weighed 29 lbs. to the measured bushel and were consigned to us by a heavy shipper from the state of Indiana. We had this car of oats traced and hurried through to our city.

We received the first car of new western oats last season and the same arrived here on August 5th, 1908.

We are the **largest handlers of cash oats** in the city of Baltimore and would like to hear from you with a share of your business when making shipments this way.

**PROMPT, EFFICIENT SERVICE.**

**J. A. Manger & Co.,  
GRAIN**

216-218 Chamber of Commerce

Baltimore, Md.

vestigations into the condition of the company made by Mr. Snell. It is rumored that a number of interesting developments are to be shown when the affairs of the company are aired in court. Warehouse receipts are alleged to have been irregularly issued and buying in futures on the grain exchange resulted in losses. The assets of the company are said to approximate about \$60,000. The company was organized in October, 1907, and was said to have been financed principally by C. Perry Snell who now appears as the largest creditor. In the petition it is alleged that the company has admitted its insolvency and its willingness to be adjudged bankrupt. Referee in Bankruptcy Lee Brock has appointed H. C. Hawkins as receiver of the company.

## TEXAS.

Vernon, Tex.—The Texas-Oklahoma Grain Co. contemplates installing an oats bleacher.

Gainesville, Tex.—The Whaley Mill & Eltr. Co. has decreased its capital stock from \$200,000 to \$100,000.

Terrell, Tex.—J. H. Cook has sold his grain store to G. W. Matthews who has taken charge of the business.

Greenville, Tex.—H. T. Weathers has applied for a permit to build a grain warehouse near the M. K. & T. tracks.

Wichita Falls, Tex.—The Wichita Mill and Elevator Co., of this city has given the contract for the construction of an elevator to cost \$10,000.

McKinney, Tex.—The statement that the Josey Miller Co. at Beaumont had filed a suit against Hill & Webb for \$745 is a mistake. Josey Miller Co. has not filed suit for any amount and we are not indebted to them or anyone else in Texas for anything.—Hill & Webb.

Markham, Tex.—The Moore-Cortez rice warehouse was torn down by the storm of July 21, the loss to the owners being very heavy. The Brown Grain Company's warehouse also was demolished. Total damage from this storm in the Texas rice belt is estimated at \$100,000.

Fort Worth, Tex.—R. O. McCormack, traffic manager of the Fort Worth freight bureau, visited St. Louis recently to obtain a readjustment of rates and rules on grain by the southwestern traffic committee. When the matter was first taken up with the committees in June no definite action was taken.

Vernon, Tex.—I have been in this country about a month now and believe I am going to like it. I am at my old work, looking after the books and traffic matters for the Texas-Oklahoma Grain Co., having secured the place by answering their advertisement in the Grain Dealers Journal.—K. B. Seeds, formerly of Columbus, O.

Galveston, Tex.—Exports of wheat and corn from this port for the month of July reversed their conditions compared with last year. During July, 1909, no wheat was exported, while 16,000 bus. went out in July, 1908. This year 85,714 bus. of corn was exported in a single cargo in July compared to no corn sent out in July, 1908. Exports of grain from Galveston during the 11 months prior to Aug. 1, 1909, consisted of 4,777,005 bus. of wheat and 7,566,646 bus. of corn, compared to 7,933,746 bus. of wheat and 5,323,752 bus. of corn during the same period ending Aug. 1, 1908, as reported by C. McD. Robinson, chief inspector Galveston Board of Trade.

The following changes in the membership of the Texas Grain Dealers Ass'n are reported by G. J. Gibbs, sec'y.: The Plains Lumber & Grain Co., at Happy, Texas, has resigned from the association. The Blackburn-Hollingsworth Grain Co., at Whitewright, has been elected to membership. The membership of Smith, Wiley & Co., at Sanger, Texas, has been changed to Wiley Grain Co., at same place, Mr. W. M. Smith having retired from the firm.

Eagle Lake, Tex.—The terrific storm of July 21 brought destruction to lives and property to many of the towns lying along the coast. The Eagle Lake Rice Mill was struck by the wind going 70 miles an hour and damage to the mill amounting to \$20,000 resulted. Many other rice mills, rice elevators and warehouses suffered from the terrific winds. The two big rice elevators at El Campo were unroofed. The Lakeside Rice Mill is almost a complete wreck, the damage being estimated at not less than \$40,000. The Eagle Lake mill is covered by tornado insurance and repairs are in progress; no storm insurance was carried on the property of the Lakeside rice mill.

Bay City, Tex.—Great damage was done to the rice mills by the tornado of July 21. They carried a large amount of insurance, including tornado insurance, so their loss is well covered. This mill is being repaired and will be ready for business in a short time. The Union Warehouse and Elevator Company's building was severely damaged. The warehouse of the Farmers Warehouse Co. was demolished and scattered over the immediate vicinity. Both the latter will be rebuilt at once and will be ready for the approaching season. The storm occurred immediately after plans had been completed and contract let by the Union Warehouse and Elevator Co. for an addition to its rice warehouse to increase its storage capacity one-third and make it the largest rough-rice warehouse west of Houston.

## WASHINGTON.

Reardan, Wash.—The Reardan Union Grain Co. has been incorporated.

Palouse, Wash.—The South Palouse Warehouse Co. has been incorporated.

Spokane, Wash.—The Farmers Union Grain Co. has decreased its capital stock to \$10,000.

Pomeroy, Wash.—Balfour, Guthrie & Co. have opened a grain office here in charge of J. M. Robinson.

McAdams sta., Washtucna p. o., Wash.—L. M. Weston is having a grain warehouse built here on the S. P. & S.

Under the new Washington law each warehouse in the state must have a state license posted conspicuously in its office.

Warden, Wash.—The Farmers Warehouse Co. and McDonald & McBean each have a grain warehouse under construction.

Pine City, Wash.—Stone & Menli of Rosalia and the Kerr-Gifford Co. will build warehouses here ready to receive wheat this year.

Walla Walla, Wash.—The Farmers Walla has decided hereafter to sell at gross weight, allowing no deduction for the weight of sacks.

Goldendale, Wash.—Robert Ballou will again buy grain, and warehouse receipts at all grain stations in Klickitat County, for the Northwestern Warehouse Co., a San Francisco firm that has docks and offices in Portland and Tacoma.

Irby, Wash.—The Seattle Grain Co. is having its warehouse here overhauled and the building raised to conform to the grade of the railroad.

Almira, Wash.—The recently incorporated Almira Farmers Warehouse Co. has leased the warehouse of the Farmers Grain & Supply Co.

Seattle, Wash.—The grain department of the Merchants' Exchange will be in charge of A. W. Tidmarsh, chrm., W. W. Robinson, W. J. Macdonald, R. C. Hasson and H. P. Chapman.

Valley Grove sta., Walla Walla p. o., Wash.—The Pacific Coast Eltr. Co., that lost its wheat warehouse in a fire here last winter, has its new warehouse, 40x300, ready to receive wheat for export and coast mill consumption; capacity, 60,000 sacks.

Rockford, Wash.—The Farmers' Grain Warehouse company will have its new warehouse, 60x160, completed early this month and will give free use of the structure for a public ball to be given soon.

Wilbur, Wash.—The Graingrowers Warehouse Co. has its new warehouse, 60x200 ft., almost completed. In addition it has leased that of the Columbia River Milling Co. and the two houses will furnish a capacity of 250,000 sacks.

Palouse, Wash.—The local farmers' union will operate two warehouses on the Inland, with R. J. Gray, formerly in the grain business here, in charge. The house in the northern part of town has been purchased from W. F. Smith & Son, while the one south of the river is leased from the Inland.

Tacoma, Wash.—Altho the new wheat warehouse of Balfour, Guthrie & Co. has a capacity of 100,000 bus., Alexander Baillie, the company's resident mgr., states that when its lease on the Northern Pacific warehouse, the largest in the world, expires it will be renewed, and the company will continue handling wheat thru that plant.

Seattle, Wash.—The Chicago, Milwaukee & Puget Sound Ry. has announced that on shipments of wheat paying a rate of 15 cents or more no charge will be made for switching at Seattle or Tacoma, thereby placing itself on the same basis as the other two lines. Thus shippers over the Milwaukee will have the benefit of the warehouse and dock facilities of the other roads without extra cost.

Seattle, Wash.—Because of the removal of the Puget Sound headquarters of Balfour, Guthrie & Co. from Tacoma to this city, Alexander Baillie, resident mgr. and a member of the firm, will spend most of his time here while retaining his residence in Tacoma. L. G. Patullo has moved here from Tacoma to act as Mr. Baillie's assistant. Several heads of departments will come later and the Tacoma office will then become a branch.

Pullman, Wash.—The Farmers' union here has organized a corporation known as the Pullman Union Warehouse Company, capital \$10,000, and will build, buy or lease a warehouse or a number of warehouses and handle the grain of the members. The local union has decided to incorporate and has organized with J. M. Reid, pres. and I. N. Nye, sec'y. and treas. Several warehouse companies having houses here have offered to lease or sell them, but the directors may reject all these propositions and build. Both railroads have offered sites. J. M. Reid said: "We will be prepared to handle grain this year."



Alto sta., Starbuck p. o., Wash.—Two warehouses, 50x100 feet, with a capacity of 35,000 bus., are to be built by the farmers' union of Waitsburg, Wash., here and at Menoken, on the O. R. & N. Work began last week. Warehouses in Columbia County have been leased by the unions at Dayton, Waitsburg, and Longs, so that the farmers this year will care for a considerable percentage of the grain. Charles Galbreath has been appointed manager of the warehouse at Longs.

## WISCONSIN.

Algoma, Wis.—F. L. Townner is mgr. of the Algoma Grain Co.

Sheboygan, Wis.—I have installed a new Monarch feed mill.—A. Grasser.

Reedsville, Wis.—We bot the eltr. of the Western Eltr. Co.—Western Supply Co.

Superior, Wis.—The Standard Grain Co. has increased its capital stock from \$25,000 to \$50,000.

Two Rivers, Wis.—Eber Harnden has not been in our employ for over a year.—Two Rivers Merc. Co.

Fall Creek, Wis.—We will put some improvements on the new house we built a year ago.—Wm. Niebuhr & Sons.

Sturgeon Bay, Wis.—After their warehouse now under construction is finished Teweles & Brandeis will build a 25,000 eltr.

Hustler, Wis.—I will retire Nov. 1 next and will be succeeded by W. F. Talz of Union Center, Wis.—J. H. Morrill.

Strum, Wis.—I bot out the Western Eltr. Co. The property was formerly owned by the Northern Grain Co.—T. M. Olson.

Hortonville, Wis.—Jacob Miller of New London, Wis., has bot the eltr. here of the Western Eltr. Co. and has taken possession.

Dorchester, Wis.—I have installed a feed mill operated by gasoline engine. By looks of crops there will be considerable to grind.—J. V. Sturner.

Augusta, Wis.—The same fire that burned the eltr. of the Wisconsin Eltr. Co. (W. H. Smith), July 2, also destroyed that of the Victory Mercantile Co.

Woodville, Wis.—Hanson & Johnson are not in the eltr. business at this place. The only eltr. here is the one I operate. I also handle flour and grind feed.—J. P. Larson.

La Crosse, Wis.—Because it does business almost exclusively in Minnesota the La Crosse Grain Co. has moved its headquarters from this place to Spring Valley, Minn.

Beloit, Wis.—A breakfast food plant costing \$150,000 will be erected here by the Northwestern Cereal Co., the managing director of which is A. C. Pierce, of Chicago, who was formerly interested in the Egg-O-See plant at Quincy, Ill. The building will be 373 ft. long, of concrete block construction.

Marshfield, Wis.—We have succeeded Upham's Banner Mills. We are overhauling both mill and eltr. We are installing a corn cereal mill, a graham mill and greatly increasing our capacity. When all changes are made we will have a capacity of over 300 bbls. We are located on three railroads, the Soo, the C. & N. W. and the CSTPM & O. We expect to start operations by the last of August.—Sparr Cereal Co.

Ellsworth, Wis.—Fred P. Hines, a member of the grain firm of F. W. Hines & Son, committed suicide, July 26. He had been suffering from nervous breakdown and had been persuaded to go with his family to his father's farm for a rest. He arose at night and slipped away. Search was made and his body found suspended from a tree.

Superior, Wis.—After hearing testimony and the arguments of counsel the Wisconsin Grain & Warehouse Commission has issued a statement completely exonerating Chief Grain Inspector Archibald McMillan of the charges of incompetency and inefficiency. The Commission found the charges wholly unsupported by reasonable and satisfactory proof and that Mr. McMillan has not violated any of the rules prescribed for his government, has not been guilty of any improper official act and is not inefficient or incompetent for the duties of his position and therefore, the Commission declines to remove him from the office of chief inspector.

## MILWAUKEE LETTER.

By order of the B. of D., the Chamber adjourned Aug. 6th at 12:30 P. M. in observance of Milwaukee's Home Coming.

The inspection dept. has been authorized by the B. of D. to furnish official samples to all who may request them, at 15c per sample of each car.

From Madison come advices that the State R. R. Com'n has ordered the C., B. & Q. and the C., M. & St. P. R. R. Co's. to give joint rates on grain shpd from Mississippi valley points to Mil., the reduction ranging from small amts. to 1-3 of the old rates. In some instances the reduction was from 17 to 12½c per 100 pounds. The order was issued on petition of the Milwaukee C. of C.

B. G. Ellsworth lately made a trip about 100 miles up the state in an automobile, and says he found some very fair berried barley, but it was a little speckled on account of rain after being cut. "Considerable barley has been cut, but most of it will not move very early on account of station price being so much below that of the past season. I found the yield all the way from 25 to 30 bu."—B. G. E.

Corn situation at present is very rotten; all mkts. look as if they were inclined to a much lower level from the old end to the new. Franke Gr. Co. application for membership in the Chamber has been made by Stephen A. Dalton, Hubert Karl, Jr., John A. Kennedy and Herman L. Schultz. The estate of the late M. E. Milmore has made application for a transfer of membership together with Jas. T. Glavin, L. Lindauer and Frank J. Seidl.—C.

A gold and silver trophy to be competed for at the December show of the National Corn Exposition at Omaha will be offered by W. K. Kellogg of Battle Creek, Mich. The trophy will be in the form of a vase and will cost \$1,000, and will become the permanent property of any exhibitor winning it twice.

The First National Conservation Congress of the United States will be held in the Auditorium of the Alaska-Yukon-Pacific Exposition, Seattle, Wash., Aug. 26, 27, 28, 1909. Arrangements for the Congress are being perfected by the Washington Conservation Ass'n, an organization comprising several hundred prominent men of the state.

## CYCLONE BLOW PIPE CO.

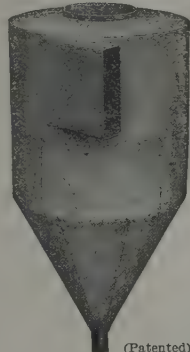
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regular country shippers to become familiar with your firm name, place your "ad" here :: ::

## Supreme Court Decisions

**Part Payment of Disputed Claim.**—Where the parties do not agree on the amount of the indebtedness, and the debtor tenders a less sum than that claimed by the creditor in satisfaction and the creditor accepts it, the obligation is discharged.—*Cunningham v. Standard Const. Co.* Court of Appeals of Kentucky. 119 S. W. 765.

**Delay in Delivering Freight.**—The owner of freight may not, because of delay of the carrier in delivering it, refuse to receive it, and sue the carrier for the value of the goods, though he has been obliged to buy other like goods; but he should accept it and sue for the damages.—*Chicago, R. I. & P. Ry. Co. v. Albert Pfeifer & Bro.* Supreme Court of Arkansas. 119 S. W. 642.

**Notification Thru Postoffice of Message.**—A telegraph company cannot be held liable for not sending a letter through the postoffice to the addressee of a telegram whom it could not find, notifying him thereof, where it conclusively appears that the letter would not have reached him.—*Williams v. Western Union Telegraph Co.* Court of Appeals of Kentucky. 119 S. W. 1186.

**Commission Merchant's Right to Sue Carrier.**—One to whom goods were shipped for sale on commission who sold the goods and consigned them to the buyer had such an interest therein as authorized him to sue in tort the carrier for loss of a part of the goods removed from the car before the sale.—*Egerton v. Chicago, R. I. & P. Ry. Co.* Supreme Court of Illinois. 88 N. E. 808.

**Fidelity Bond.**—The renewal of a bond guaranteeing an employer against loss through the dishonesty of an employee is not a continuing bond with the original one, and the liability under each bond is for such losses only as occur during its separate life, fixed by the contract.—*United States Fidelity & Guaranty Co. v. Williams.* Supreme Court of Mississippi. 49 South. 742.

**Bankruptcy—Exchange Membership.**—The property right which pertains to a seat on the New York Stock Exchange is one which, subject to the rules of the Exchange Board, passes to a receiver or trustee in bankruptcy during the member's lifetime, tho the membership is personal to the member.—*Wrede v. Clark.* Supreme Court of New York. 117 N. Y. Supp. 5.

**Expulsion of Member of Exchange.**—A proceeding to forfeit the membership rights of a member of a trade exchange for a violation of the by-laws is a penal proceeding, and the by-laws, like penal statutes, should be strictly construed and nothing taken by intent or implication for the purpose of working a forfeiture.—*Albers v. Merchants Exchange of St. Louis.* St. Louis Court of Appeals. 120 S. W. 139.

**Admissibility of Weighmaster's Books.**—In a suit by a lumber company to recover overcharges on shipments of lumber, in which it was claimed that there was a variance between the amount of freight charged and the amount contracted for, the books of plaintiff's weighmaster were inadmissible to show a discrepancy in weights, without competent proof of their correctness.—*Illinois Cent. R. Co. v. Butterfield Lumber Co.* Supreme Court of Mississippi. 49 South. 179.

**Failure to Furnish Cars of Particular Kind.**—Rev. St. 1895, art. 4497, making it the duty of a railroad company to supply cars to shippers without preference, within a reasonable time from application therefor, does not impose the duty of supplying a particular kind, and a shipper who imposes that duty on the company does not bring himself between the letter of the statute giving the penalty for its failure to furnish him cars, and hence cannot sue therefor.—*Chicago, R. I. & G. Ry. Co. v. Risley Bros. & Co.* Court of Civil Appeals of Texas. 119 S. W. 897.

**Charge for Reconsignment.**—A railway carrier is entitled to some compensation in addition to the actual cost involved in taking loaded cars in transit to the shipper's warehouses at an intermediate point for unloading, inspection and reloading, and taking away the reloaded cars, whether or not the carrier is under any obligation to extend such a privilege to shippers.—*Southern Ry. Co., Plff. in Err., v. St. Louis Hay & Grain Co.* Supreme Court of the United States. 29 Sup. Ct. Rep. 678.

**Limitation of Carrier's Liability.**—While Rev. St. 1895, art. 320, prohibiting a carrier within the state from limiting its common-law liability, does not affect contracts made for interstate shipments, yet, in the absence of congressional legislation on the subject, the common law, which prohibits a carrier from limiting its liability for its negligence, prohibits a carrier engaged in interstate commerce from limiting its liability.—*Atchison, T. & S. F. Ry. Co. v. Smythe.* Court of Civil Appeals of Texas. 119 S. W. 892.

**Corncob in Feed Is Adulteration.**—One sold a product for use for food for domestic animals and branded and labeled the same, thereby representing that it was made from wheat middlings and corn. The representations were not true and did not fully give the name of the substances contained in the food, which was adulterated with corn cob meal. Held, a violation of Ky. St. 1909, § 1905 a (Russell St. § 3615a [1]—3615a[4], 3615a[8], 3615b[3], 3615b[4]), prohibiting the misbranding or adulteration of any article of food.—*W. H. Small & Co. v. Commonwealth.* Court of Appeals of Kentucky. 120 S. W. 361.

**Limitation of Telegraph Co.'s Liability.**—A telegram, which was delivered for transmission, recited that the company transmitted and delivered messages only on conditions limiting its liability, "which have been assented to by the sender of the following message," and that it would not be liable for delays in transmission; or delivery, where a claim was not presented in writing within 60 days. Held that the words quoted are as effectual to bind the sender to such condition as if it had contained the words "which are now assented to by" the sender, "one of the parties to the contract."—*Toale v. Western Union Telegraph Co.* Supreme Court of South Carolina. 64 S. E. 963.

**Notice of Damage to Freight.**—A provision of a transportation contract, requiring notice of loss or damage and of an intent to claim damages within 30 hours after arrival of the goods at destination, was not invalidated by the Hepburn act (Act Cong. June 29, 1906, c. 3591, 34 Stat. 584 [U. S. Comp. St. Supp. 1907, p. 892]), making the initial carrier liable for damages to property received by it for transportation caused by any connecting carrier, and providing that no receipt, rule, or regulation shall exempt such carrier from the liability so imposed.—*St. Louis & S. F. R. Co. v. Keller.* Supreme Court of Arkansas. 119 S. W. 254.

**Failure to Furnish Cars.**—In an action against a carrier for failure to furnish cars for shipments, the allegation in the complaint that shippers at certain points at which defendant must compete with other carriers were furnished cars for shipping to points to which plaintiff wished to ship, and that the number of cars so furnished was excessively out of proportion to the number furnished plaintiff, is sufficient to charge defendant with the duty of furnishing plaintiff with his proportion of cars to points on its own lines, or to points on connecting lines, to which defendant held itself out as a through carrier.—*Pittsburgh, C. & St. L. Ry. Co. v. Wood.* Appellate Court of Indiana. 88 N. E. 709.

**Refusal to Accept Shipment.**—Defendant contracted to sell plaintiffs two car loads of oats, and shipped to plaintiffs a car load billed to the shipper's order. Plaintiff did not receive the oats because of a controversy arising, and defendant subsequently sold the oats to another person, and drew a draft for the price, which it delivered, with the B/L, to a bank, which placed to the credit of defendant the proceeds of the draft. Held, that contract between plaintiff-

iffs and defendant was executory, the subject matter of the sale not being specified and identified, and the title to the property passed to the bank on the assignment of the B/L as collateral for the draft.—*Collins County National Bank v. Harris & Jagers.* Supreme Court of Arkansas. 119 S. W. 662.

**Fire from Locomotive.**—One who owns property adjacent to a railroad, and builds his houses or otherwise locates his property near to the right of way, takes upon himself the risk of injury through fires occasioned by the running of the locomotives with ordinary care and diligence; but he does not take upon himself the risk of fires caused by negligence of the company or its servants. A charge substantially to this effect was, therefore, not erroneous. See *M. & W. R. Co. v. McConnell*, 31 Ga. 133, 138, 76 Am. Dec. 685, as explained and modified in *Brown Store Co. v. Chattahoochee Co.*, 121 Ga. 809, 49 S. E. 839. See, also, *Cincinnati, etc., R. Co. v. Barker*, 94 Ky. 71, 21 S. W. 347; 56 Am. & Eng. R. Cases, 106.—*Albany & N. Ry. Co. v. Wheeler.* Court of Appeals of Georgia. 64 S. E. 1114.

**Stoppage in Transit to Bankrupt.**—A bankrupt purchased certain refrigerators f. o. b. with instructions to ship by rail to New York. The goods were delivered to a carrier on February 13, 1908, who issued a B/L therefor. They arrived at destination, freight unpaid, on March 12th, and immediate notice was given to the consignee to remove them. A few days later they were levied on while still in the cars, after which a petition in bankruptcy was filed and a receiver appointed, and on March 25th the seller notified the carrier of its election to exercise its right of stoppage in transitu. Held that, the goods being still in the carrier's possession, the right of stoppage still existed, notwithstanding the levy.—*In re New York H. F. G. Co. U. S. Circuit Court of Appeals.* 169 Fed. 612.

**Contract of Sale of Malt.**—A written memorandum of a sale of malt to a brewing company was made on November 12, 1906, on an order blank furnished by the seller, and contained the following items: "Quantity. All their requirements to December 31, 1907," and at the bottom: "Amount of malt to be used will be between 15,000 and 20,000 bushels." The buyer had previously used from 15,000 to 20,000 bushels per year, but was then building an addition to its plant which would considerably increase its requirements, as was known by both parties. Held, that the contract was for the sale of whatever quantity the purchaser should require in its business, the statement of the number of bushels being merely an estimate of the probable amount.—*Marx v. American Malting Co. U. S. Circuit Court of Appeals.* 169 Fed. 582.

Farmers of Kenton, Campbell and Pendleton counties, Kentucky, have formed a trust to monopolize the sale of wool. The combination embraces 28 wool growers. In a suit recently brought by the Huntington Produce & Feed Co. of Worthville, Ky., to recover \$3,000 damages, it is alleged that E. L. Mann and others combined to control their output and then pooled their wool, and that defendants violated a contract to ship plaintiffs 25,000 lbs. of wool.

During the past year a fungus disease of millet appeared at various places in Iowa. The botanical section of the Iowa Experiment Station found upon investigation that the disease was millet smut, a trouble very common in the millet-growing sections of Europe. It was probably imported to this country in seed brought from Germany. Professor Pammel finds that the disease can be prevented by soaking the seed for two hours in a solution of one pound of formalin to forty-five gallons of water. A full account of this disease, together with other fungus diseases affecting millet, wheat, oats, beans and melons, is given in Bulletin No. 104, of the Iowa Experiment Station.



## Books Received

**METHODS OF SEEDING OATS.**—Drilling and broadcasting oats are compared to the advantage of the drill as requiring less seed and increasing the yield over 8 bus. per acre, in Bulletin No. 136 of the University of Illinois Agri. Exp. Sta., Urbana, Ill.

**TELEGRAPH CODE BOOK.**—This is a cipher code especially for grain and seed dealers, and the use of such a book will save considerable in telegraph charges. This work has been in use on the Pacific coast for some time. It is published by Barnard & Bunker, San Francisco, Calif. Price \$2.00.

**IMPROVEMENT OF THE OAT CROP.**—Valuable suggestions to growers who wish to improve their oats crop are contained in a circular of the Bureau of Plant Industry by C. W. Warburton, in charge of the oat investigations. Among the varieties recommended as most likely to lend themselves to efforts toward improvement are, for the northern states: Swedish Select, Early Gothland, American Banner, Lincoln, Progress, Sixty Day, White Russian, L. Elgo and Big Four. For the Central states: Sixty-Day, Kherson, Silvermine, Joannette, Early Champion and Siberian. Circular No. 30, Bureau of Plant Industry, U. S. Dept. of Agri., Washington, D. C.

**WILD ALFALFAS AND CLOVERS OF SIBERIA.**—After the return of Professor N. E. Hanson from his third tour of Siberia great popular interest led to a flood of correspondence with those eager to obtain an alfalfa hardy in the Northwest, and to answer these inquiries a preliminary report has just been issued giving a map of Professor Hanson's three routes, describing the different alfalfas, their distribution in Eastern Europe and notes on the clovers of European Russia and Siberia. It was found that one alfalfa and one clover grow at the northern limit of cold having a recorded minimum of temperature of 90 degrees below zero Fahr., where the subsoil remains permanently frozen. The variety of alfalfa known as Medicago falcata was found perfectly hardy thru the western two-thirds of Siberia. It has a yellow flower and is of strong upright growth so that it can be cut with a mower. This plant is an important factor in the production of the rich cream and butter for which Siberia is becoming noted. Bulletin No. 150, Bureau of Plant Industry, Department of Agriculture, Washington, D. C.

**PLANT BREEDING.**—The novel varieties of oats and other cereals introduced from Sweden have been such striking departures from common strains that attention has been directed to the means whereby these results could have been produced in so short a time. Suspicion that the experiment station at Svalof must be practicing some method other than the time-honored one of selecting the best of the crop year by year is borne out by a study of the Swedish method. In the Swedish method of wheat there are a few phenomenal yielders and the method of single seed planting makes it practicable to secure these exceptional plants, and from these new varieties can be made.

By accident the new principle of breeding was discovered by Dr. Hjalmar Nilsson, director of the experiment station at Svalof, that instead of selecting from each harvest those grains that conform to a pre-considered type, the field is to be searched for sports. These sports, if hybrid, produce different plants, but if a pure variety reproduce themselves faithfully year after year. It is by the preservation of these accidental sports that the Swedish station has distributed so many valuable varieties. As stated by Willet M. Hays, then of the Minnesota Agri. Exp. Sta. "In each 1,000 plants of wheat there are a few phenomenal yielders and the method of single seed planting makes it practicable to secure these exceptional plants, and from these new varieties can be made."

By carefully searching the field Nilsson said in a volume entitled "Plant Breeding" by Hugo de Vries, professor of Botany in the University of Amsterdam, who discusses the methods and material of Burbank, his new varieties in fruits and flowers, Burbank's hybridization and selection are mutual factors in horticulture. A chapter is devoted to corn breeding and another to the geographical distribution of plants. It is a scientific book in simple language; intensely interesting as well as instructive,

and invaluable to botanists, horticulturists and farmers. Printed on fine paper in large type and illustrated with 114 beautiful half-tone plates from nature. Cloth, gilt top; 360 pages, 5 by 8 inches. The Open Court Publishing Co., Chicago, Ill. Price, \$1.50 net; by mail, \$1.70.

## Leaking in Transit.

Shippers who favor their brother sufferers by sending reports of cars they see leaking grain in transit, to the Grain Dealers Journal for free publication, encourage others to report their cars when seen leaking in transit. We have received reports on cars leaking grain as follows:

C. O. & G. 49839, Rock Island Route, passed through Ruthven, Iowa, Aug. 6 on M. & St. L. Ry. leaking wheat at end of bolster bearing inside of car sill.—R. J. Hughes.

WABASH 60672 passed thru Milmine, Ill., eastbound Aug. 5, leaking white corn at side of car.—Willis Samuel.

MINN. & INTER. 5068 with top broken out at side and leaking oats badly was transferred by section crew into Iowa Cent. 40096 at Madison, Minn., Aug. 2. Loss must have been considerable.—E. L. Stromswold.

WIS. CENT. 14726 passed this point going east morning July 31, leaking at end and side. We nailed the side as best we could but did not have time to repair end.—J. J. Stevens.

WABASH 60817 passed Colburn, Ind., in train 74 July 31, leaking wheat badly at corners and over drawbar. Car was not sealed and had a hot box. Called train crew's attention to leak.—W. F. Noble.

L. S. & S. L. 13331 in Frisco Yards at Enid, Okla., July 30, with door jam busted and leaking badly.—W. B. Johnston.

B. & O. 180251 passed thru Crooks Sta., O., July 24, on local leaking wheat badly on side and at door.—A. H. Cratty.

C. B. & Q. 24842 passed thru Bushnell, Ill., July 22, leaking wheat at two places on side of car.—S. A. Hendee.

C. B. & Q. 32016 on train 92, was leaking wheat at Prairie City, Ill., July 21. I repaired same while car was standing at our station.—N. B. Johnson.

T. H. P. car 20669 passed Redmon, Ill., July 3 leaking at end. Boards had become loose and had not been nailed tight in cooping. Car had hot box. We repaired it as best we could in the short time it stopped and reported to the train crew.—John Lawson.

C. M. & St. P. Car 30686—40,000 lbs. cap., was leaking wheat in yards at Farmington, Minn., June 30.—B. De Mersseman.

C. M. & St. P. car 21980 passed thru Madrid, Ia., June 27, leaking shelled corn at corner. A large leak.—E. L. Kreger.

M. & St. L. 9014 passed east thru Echo, Minn., June 25, leaking wheat at side. Repaired as best I could while train stopped.—H. B. Engel.

C. B. & Q. 97773, side-tracked at Knoxville, Ill., June 16th, leaking corn between door and end of car at bottom. Was repaired and picked up about 11 A. M. by train going East. Was a very bad leak. Shortage must be large.

A. T. 21950, also A. T. 21920, passed McGregor, Texas, June 15th, leaking corn. Cars arrived over Santa Fe and were transferred to Cotton Belt.

I. C. 37892, May 28th, leaking corn at side door, at Moweaqua, Ill.

C. M. & St. P. 45728, side tracked at Elk Point, S. D., June 9; door post broken in center; leaking oats badly.—W. W. Keech, agt. Fields & Slaughter Co.

C. B. & Q. 33959, was switched at Bushnell, Ill., June 8 from St. Louis Division to main line of the Q, going toward Quincy. Leaking 2 ft. back from side door; yellow shelled corn.—S. A. Hendee.

C. R. I. & P. 52760, passed thru Minden, Ia., June 5, leaking wheat from bottom of car. Plugged up with waste the best I could, but train stopped only a minute.—E. H. Anschutz, sec'y C. W. McCaustland Grain Co.

C. & N. W. 35674, seal No. 336, was set out in yards at Mowille, Ia. June 4 leaking badly. Ten bus. yellow shelled corn scattered along the track here.—W. L. Sanborn.

## GRAIN TRIERS



20TH CENTURY BRASS & MFG. CO.  
Minneapolis, Minnesota



## SCALE TICKET PASSER

**Schmitz's Scale Ticket Passer**  
prevents delays on busy days. No impatient drivers. Each ticket promptly passed to driver without leaving the scale beam. Will quickly pay for itself. Write now.

**J. A. SCHMITZ**  
2811 No. Hermitage Ave.  
CHICAGO

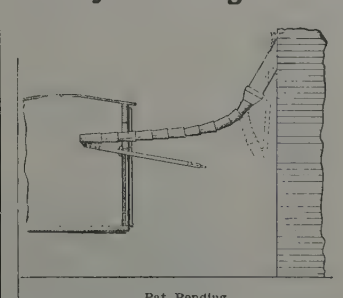
**You** Can not operate an elevator without scales and should not try to do so without

## KENNEDY CAR LINERS

to line car before loading. They insure against leakage in transit.

MADE BY **Fred W. Kennedy**  
SHELBYVILLE, IND.

## Handy Loading Lever



It saves climbing in and out of cars. It guides nozzle in any possible direction from outside. A rope fastened to outside end of lever holds nozzle in any position. Fits any spout. Send for further particulars.

**Stelter & Sweet, Rolfe, Iowa**

## Supply Trade

The Philip Smith Mfg. Co. is so confident that its shellers will give satisfaction that it is offering to send them on trial.

The Hall Distributor Co. reports having sold "Hall Systems" to W. W. Culver, Kingman, Kan., and the Burrell Mfg. Co.

W. N. Claus Co., contractors and builders of elevators and flour mills has moved its headquarters from Plymouth to Mason City, Iowa.

The Union Iron Works is asking all prospective purchasers of Pittess Warehouse Shellers to send orders in quick as they anticipate a heavy demand this fall.

The General Electric Co. is advertising Steam Turbines. The advantages of this kind of power generator is not only economy of steam but also economy of space.

The Sidney Elevator Mfg. Co. reports that it is enjoying an excellent trade in New Era Passenger Elevators and claims this is due to the complete satisfaction which it is giving users.

The Barnard & Leas Mfg. Co. ask: Why don't more grain dealers install feed mills? It claims to be ready to demonstrate the advantages to be gained by installing a modern mill.

The Huntley Mfg. Co. report a very brisk demand for its grain cleaners which indicates that shippers are alive to the importance of shipping grain only and keeping the dirt at home.

Trade paper advertising columns afford the opportunity to say-your-say to the greatest number of prospects at the least possible cost. Have you grasped the opportunity?—Joseph Wesley.

Fairbanks, Morse & Co. claim in the bulletin which they are sending out to describe their automatic scale that this device is as near perfect as their eighty years of scale making can make it.

A new device now being offered elevator men is a lever to guide flexible loading spouts. It does away with climbing in and out of the car. It is being placed on the market by Stelter & Sweet.

The Sykes Steel Roofing Co. is sending out a bulletin showing specifications of its metal sash. This sash has been approved by the Laboratory of the National Board of Fire Underwriters.

Fred Friedline & Co. are having a good demand for Friedline's Radial Car Puller Sheaves. Late shipments have been made to J. F. Mulhern and J. M. Trenholm & Co., both of Memphis, Tenn.

The man who attempts to run his business without advertising is like the man who attempted to teach his horse

to live without eating; just as the horse got used to it, he up and died.—Rusty Mike's Diary.

The Huntley Mfg. Co., Silver Creek, N. Y., has issued a very attractive hanger suitable for office decoration and write us that it will send one free, express prepaid, to all elevator operators or grain dealers who ask for one.

While a reader's mere curiosity may cool in an hour or a day, depend upon it that the hard facts you give him about the thing he is interested in will be remembered long after he has forgotten the rest of your ad.—Implement News.

If a man steps on our man-lift and balances it according to his weight before stepping on the foot lever, in other words, operates it as was intended it should be operated, he will never get hurt, as our brakes will always hold and the safety catch is an extra precaution in case the rope should break, be accidentally cut, or come loose from the big weight.—B. S. Constant Co.

The Supreme Court of Pennsylvania has affirmed the judgment of the superior court in favor of H. L. Day against the Pennsylvania Railroad Co. in a suit to recover for a dust collecting system installed in the railroad company's elevator at Germantown Junction, Philadelphia, Pa. Seeley, Son & Co. made contract with the railroad company to build the elevator and made contract with Mr. Day for a dust collecting system to cost \$2,124, according to plans by Geo. M. Moulton & Co. Alleging that a balance of \$940 was unpaid, Mr. Day filed a mechanic's lien against the grain elevator.

### An Electric Counter for Automatic Scale.

The automatic scale in the country elevator is oftener than not installed in the cupola where it takes its feed from the elevator head and discharges to the loading spout. To learn the record of the scale when the car has been filled it is usually necessary for the elevator man to climb to the top of the elevator and to read the register fixed on the scale itself. This is a troublesome job. It has, therefore, been usual to install a duplicate counter on the lower floor, and the usual method is to suspend a wire from the scale to the counter below, this wire running through eyes or round pulley.

The objection to this is that the wire stretches and requires adjustment every day to make the counter register correctly. To overcome this the Richardson Scale Co. is furnishing an electric counter. With the Richardson Scale two counters may be supplied, one to work on the scale, thus preventing loss of record no matter what may happen to the counter below, and one on the lower floor.

This duplicate counter is controlled by the counter on the scale and can be placed

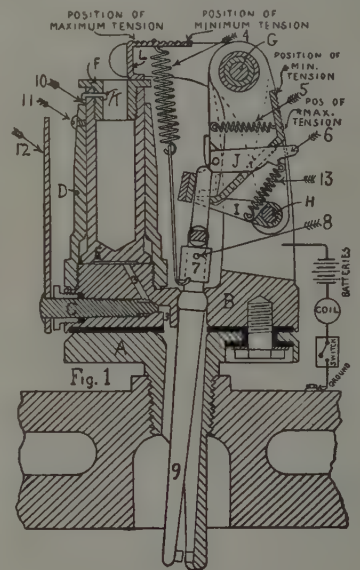
anywhere in the elevator and does away with all the difficulties due to wire connections between the old style counters. The magnets for working these counters require three or four batteries, which always can be easily procured. The wiring is such as is used for electric bells. In terminal elevators and flour mills it is often more convenient to use the lighting mains.

The cut given herewith shows such an electric counter. The magnets are wound to take care of from 472 to 220 volts, for either direct or alternating current. The whole outfit is mounted on an oak board and requires no special electric knowledge to erect.

### A Compression Igniter.

A gasoline engine cannot exert its power unless an electric spark is applied just at the right moment. In the evolution of this kind of engine various methods for making this spark have been tried and many of them have been found wanting. One of the more recent devices invented for this purpose is the G. & M. compression igniter, an illustration of which is shown herewith.

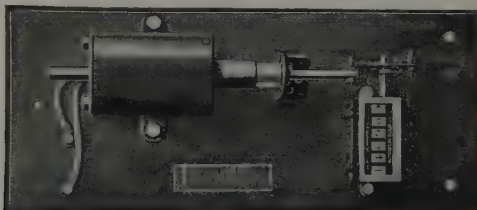
The gas under compression in the engine cylinder acts upon and raises the ignition piston "E." The passageway, No. 3, thru which the compression finds its way, is clearly shown. This passageway is intersected by the valve "C," which, being



The G. & M. Compression Igniter.

opened or closed by the operator, by means of the lever No. 12, respectively advances or retards the time of ignition. When the gas in the cylinder has been compressed enough to force a sufficient quantity through the valve, the igniter piston raises, and at the beginning of its upward stroke closes the contact points. At the completion of its upward stroke it releases a hammer, which strikes the upper end of the movable electrode, causing the points to separate quickly. The igniter piston then remains up until the explosion has occurred and the engine exhaust has opened, when it is forced downwards by means of a spring.

This igniter is of the hammer make-and-break type. It is absolutely self-contained, and is suitable for all kinds of in-



Richardson's Electric Counter.



ternal combustion engines. The Metal Specialties Mfg. Co. is the sole manufacturer of this device.

## Farm Reserves of Wheat.

In defense of its estimate of the wheat in farmers' hands on Mar. 1, the Bureau of Statistics of the Dept. of Agriculture on July 19 issued the following formal statement:

The Bureau of Statistics made an estimate on Mar. 8 which indicated that the amount of wheat on farms in the United States on Mar. 1, 1909, was about 144 million bushels.

The estimate was challenged as being much too large; and considerable agitation was aroused by speculative interests desiring to create a public belief in a serious shortage in wheat supplies.

In considering this question, account must be taken of the apparent supply and distribution of wheat during the four months from March 1 to July 1, 1909. To do this it is necessary to assume as approximately correct, official and trade estimates which have been generally accepted without serious question; and to ascertain, first, the average monthly domestic consumption of wheat exclusive of seed requirements, and, second, the approximate total quantity of wheat, in all positions, in the United States on March 1, 1909.

The estimated population of Continental United States in 1908-1909 was about 87,000,000; the average annual domestic consumption of wheat per capita, exclusive of seed requirements, is estimated at about 5½ bushels. (See "Crop Reporter," March, 1908.) These figures indicate the total domestic consumption, exclusive of seed, during the year, to have been nearly 480 million bus., or about 40 million bus. per month.

The total amount of wheat in the United States in all positions on March 1, (including the wheat equivalent of flour), was about 244 million bus., as indicated by the following statement:

Assuming that about 40 million bus. per month were consumed, exclusive of seed, the apparent supply and distribution of wheat during the four months from March 1 to July 1, 1909, was as follows:

	Millions of Bushels.
Domestic consumption, 4 months, estimated.....	160
Spring wheat seed requirements, estimated.....	25
Exports, including flour.....	16
Commercial stocks, July 1, 1909, including flour.....	28
Farm stocks, July 1, 1909, estimated....	15
Total Supply and Distribution, 4 months.	
(Quantity in United States on Mar. 1, 1909).....	244

Of these 244 million bus., about 74 million bus. are accounted for by an accepted commercial statement of reported stocks in second hands (mills and elevators), including the wheat equivalent of flour, on March 1, 1909. The remainder, 170 million bus., must have been on farms and in unreported stocks in second hands on the date named. The estimate of wheat on farms on March 1 (about 144 million bus.) would leave about 26 million bus. as the unreported amount in second hands on that date. But this is more than the amount estimated as having been so held, such amount being approximated as 20 per cent of the total quantity, reported and unreported, then in second hands,—the reported stocks being regarded as embracing about 80 per cent of the total; and 20 per cent of the total stocks would have been about 18 million

bus. unreported, which indicates that the quantity of wheat on farms on March 1, 1909, was more likely to have been underestimated than overestimated by the Bureau of Statistics.

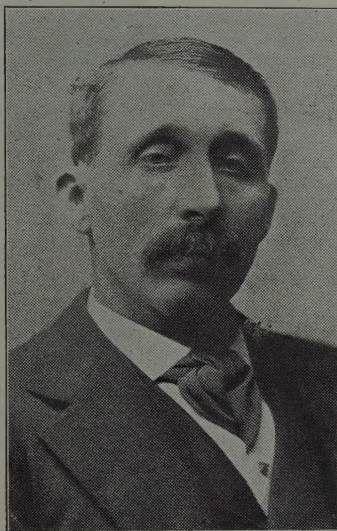
It is clear that the widely published attack on the estimate of farm reserves of wheat on March 1 was without basis;—that it was unjustifiable; and that its sole object was to enable the speculators who made it to gain personal financial profits at the expense of the general public.—James Wilson, Sec'y.

## Charles R. Shaw, Deceased.

It is our sad duty to record the death of Charles R. Shaw of Louisiana, Mo., which occurred at his home June 19, 1909.

At the time of his demise Mr. Shaw was president of the Shaw-Garner Co. which operated elevators at Canton, Rockport and Pike, Ills., also at Louisiana, Mo.

Mr. Shaw was born on his father's farm in Pike county, Illinois, in 1853. At the age of twenty-one he began farming on shares with his father and remained



C. R. Shaw, deceased, Louisiana, Mo.

under the parental roof until he was married in 1876.

In 1880 he gave up farming and moved to Rockport, Ill., and in July of that year forming a partnership with H. L. Anderson of Sumner Hill, Ills., began buying and shipping wheat.

Later this partnership was incorporated as the Shaw-Garner Co., with Mr. Shaw as pres., H. L. Anderson as vice-pres., and William J. Garner as secy. The development of the extensive business of this corporation is largely due to Mr. Shaw's sagacity and enterprise.

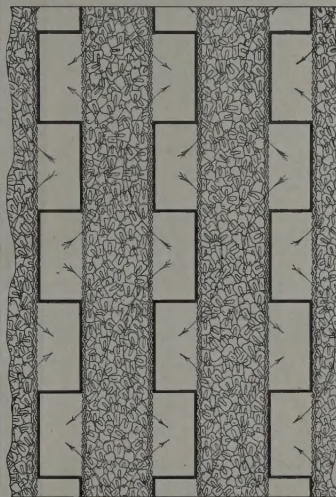
Mr. Shaw was a public spirited man and served his city as a member of the council during which term he rendered efficient service. He leaves a widow and five children to mourn his loss.

The Co-operative Live Stock Commission Co. has recovered \$19,500 damages of 14 members of the Traders Exchange at Kansas City, who drove the co-operative concern out of business at that market. Under the law the judge trebled the damages, making the amount \$58,500.

## Three Facts

about the

## Ellis Grain Drier



### THE ELLIS PRINCIPLE

¶ The grain is held in a perfectly even layer only 2½ inches thick. A 100 bushel drier presents a drying surface of 1260 square feet.

¶ The air currents enter the grain layer from both sides forming an air cushion and then pass both upwards and downwards; thus uniform drying is assured.

¶ Each bushel of grain is subjected to 260 cubic feet of air per minute.

¶ The Ellis Principle has made possible the only commercially successful cold air drier on the market.

Write us for a booklet.

## Ellis Drier Co.

POSTAL TELEGRAPH BUILDING  
CHICAGO



# Patents Granted

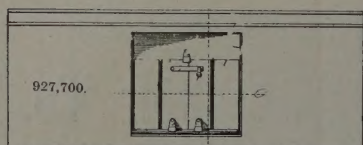
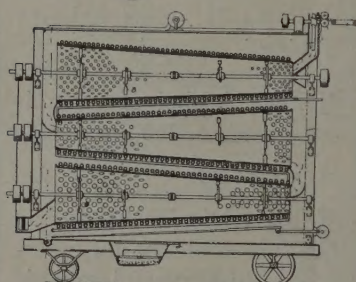
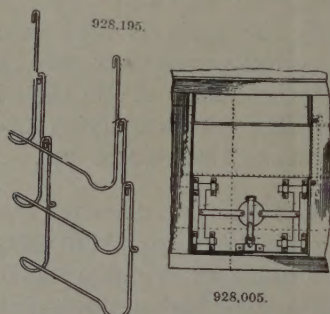
**Malt Kiln.** No. 929,435. Jaromir Hornof, Holesov, Austria-Hungary.

**Alfalfa Drier.** No. 928,541. (See cut.) Robert S. Rowland, Oklahoma City, Okla. The hollow rotary drier is mounted within a casing provided with a conveyor for ejecting material therefrom, a riddle being disposed between the rotary drier and the conveyor. The complete machine consists of several rotary driers and several heating coils surrounding them.

**Seed Corn Rack.** No. 928,195. (See cut.) Martin L. Henderson, Randall, Ia. Each supporting device is formed of a single piece of wire having its central portion formed into a supporting member, each of the sides being provided at its upper end with a hook and at a point below the hook with an eye, whereby the independent supporting devices are detachably connected.

**Grain Door.** No. 928,005. (See cut.) Lee P. Roberts, Minneapolis, Minn. Slits in the door casings are engaged by double H-bolts on the sliding and swinging door; and the bolts on both sides are simultaneously drawn back by the rods connected to a circular rotating disk having a metal hasp lever. The hasp is locked to a fastening bolt by a metal pin provided with a dowel hole and dowel.

**Grain Door.** No. 927,700. (See cut.) Walter S. Williams, Clinton, Ill., assignor to himself and C. W. Pifer, C. R. Wescott and W. H. H. Hastings, Clinton. At each side of the doorway is a rod upon which is



hinged a horizontally swinging door comprising two sections hingedly connected. To the top of the doorway a vertically swinging door is hingedly connected, its lower edge

lying inside of the horizontally swinging doors. A plate is hinged to a fixed metallic sill.

## Protecting Country Elevators From Lightning.

The Grain Dealers National Ins. Co. has issued a very interesting circular on lightning protection for country elevators from which we take the following:

Country elevators seem unusually susceptible to lightning strokes. The statistics of mutual insurance companies making a specialty of this class of property, show more losses by lightning than from any other cause. Fortunately many losses are damages only and not total. However, the money loss is very large and the insurance cost materially increased to pay the losses. Lightning losses are common in every month of the year and have occurred in Minnesota in January. They are more frequent with heavier damages in the months following harvest and the loss of an elevator at that time always means more than the property loss. There is also the loss of profit on the season's business.

For two years we have been investigating the lightning problem. It is one on which scientific men seem to agree. Stripped of theories and technicalities and going largely upon experience our conclusion is that a lightning rod system, according to directions, will prevent practically all of the lightning losses and be a great benefit to the elevator owners and their insurance companies. The average elevator can be rodded for less than \$100. We advise employing experienced lightning rod men. Work cheaply or ignorantly done might be more dangerous than the original condition.

Iron smokestacks, unless on a brick base, are not struck by lightning. Neither are buildings with metal roof and iron cladding. Yet we have record of such a covered flour mill and such an elevator, supposed to have been fired by lightning and totally destroyed. We have record of rodded barns supposed to have burned from lightning, yet with evidence they were not struck. The mill and elevator contained metal work like parallel shafting and it was found the barns contained baled hay with parallel wires and inflammable material between.

It is known (this description is not scientific as to language) that an electric current has a magnetic effect surrounding it. The area of this varies according to the strength of the electric current. The high voltage of the electrical conditions that produce a lightning flash seems to have a magnetic effect on all metals in its immediate vicinity which is liable to cause small flashes between metals near to each other. It has been demonstrated that an artificially produced stroke of lightning or electricity will produce a flash between two near parallel wires and highly inflammable material placed between the wires will ignite. We believe we have evidence of such a fire started on a separator between the fan shaft and drive shaft bearings. This small flash is not as liable to cause a fire as the main lightning flash. If trouble results it probably would be at bearings with the oil and dust accumulation. Our conclusion is there should be an interior system as well as an exterior system.

## EXTERIOR SYSTEM OF LIGHTNING RODS.

Conductor.—Must be of flexible twisted or braided copper wire of one-half inch or more in diameter. Flexible ca-

ble is necessary to not be affected by the settling and expansion common to elevators.

Course of Conductors.—The course of conductors should be along the ridge, including cupola, and all additions, and should be grounded where water spouting comes down where practicable, and in not less than two places. Large buildings require more ground terminals.

Air Terminals or Points.—Points are to be located not over 20 feet apart, including the cupola or turrets. Points to extend at least three feet above the places protected and be securely braced. There should be no flagpole on roof, but if so it should be rodded.

Ground Terminals.—These must extend into the earth to permanent moisture, which is usually eight or ten feet. With not over four air terminals or points, there should be the two ground terminals and an additional terminal for each additional four points or fraction thereof. The exterior system must have a better ground terminal than the interior system or the lightning might jump to the interior metal. Insist on a good ground terminal.

Stacks.—Iron stacks are not molested by lightning unless set on brick base, where a metal connection might be made to the well-piping or other good ground terminal. Brick stacks are frequently struck. These should have a rod up one side, circle the top and down the opposite side to form the circuit. There should be four points at top and the ground terminals properly grounded.

Iron Clad and Metal Roofed Buildings.—The roofing should extend over the eaves and cornice to connect with the metal siding. This will also prevent birds building nests or dust collecting as spark catchers. A building having eave troughs and water spouts down the side has a partial metal connection. The bottom of iron cladding should have as many short rod connections to proper ground terminals as there would be if fully rodded.

## INTERIOR SYSTEM FOR PROTECTION.

Equipment.—Here you are not dealing with electric currents, but only the magnetic effect, which is easier handled. It is questioned if this magnetic flash will jump over six feet. Therefore use insulated electric light wire to connect all parallel shafting or pieces of metal six feet or less apart. This should include machines. The system devised should be neatly done, with all joints or connections twisted in close contact and all connected and extended to a good ground terminal like a water pipe, or to the lightning rod system. The theory is that metallic connections prevent sparking.

Northwestern millers who oppose the growing of durum wheat think they have the producer on the hip this year. In past years the same writers have asserted that the farmer would be unable to market the increasing crop at a profit, but something has always turned up to help out the farmer. This year the millers gleefully point to the big crops in those foreign countries where American durum has found its best demand, and they hope to see the price so low on this crop that the farmers will give up durum for good. In those drier sections of the west where the crop is durum or nothing a big cut in the price will not discourage the grower, so it is likely that durum will always be with us.



# Fire Insurance Companies

ORGANIZED 1883

## The Western Millers' Mutual Fire Insurance Company

KANSAS CITY, MO.

CHAS. H. RIDGWAY, Secretary.

SAFE INDEMNITY

Flour Mills, Elevators, Warehouses, and contents.

ORGANIZED — 1907 — INCORPORATED

## Western Grain Dealers' Mutual Fire Insurance Association,

Des Moines, Flynn Bldg., Iowa

Insures Elevators, Warehouses and Contents Exclusively.

Correspondence solicited.

GEO. A. WELLS, Secretary.

ORGANIZED 1878

## The Millers' Mutual Fire Insurance Association of Illinois

ALTON, ILLINOIS

Insures Elevators, Mills, Grain Warehouses and Contents of same at cost

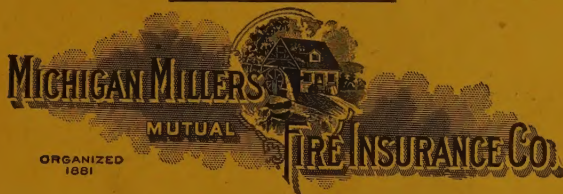
Insurance in force, . . \$13,920,249.80

Cash Surplus, . . . . 329,927.51

GEORGE POSTEL, Prest.  
A. R. McKINNEY, Sec'y,

Address all Correspondence to the Co., at Alton, Ill.

### THE OLD RELIABLE



ORGANIZED 1881

LANSING, MICH.

INSURES ELEVATORS AND GRAIN

PERMANENT OR SHORT TERM POLICIES

### If You Want

regular country shippers to become familiar with your firm name, place your "ad" here.

### Mill Owners' Mutual Fire Insurance Co., Des Moines, Iowa

INSURES MILLS, ELEVATORS, WAREHOUSES and CONTENTS

Organized 1875  
Net Cash Assets . . . . . \$261,480.33  
Losses Paid . . . . . \$1,473,780.60  
Saved to Policyholders . . . . \$1,909,196.60  
J. G. SHARP, Secretary

## GRAIN INSURANCE.

Grain in the elevator is the same as cash deposited there instead of in the bank.

Its loss by fire is ten times more liable than loss by bank failure.

A grain loss is destruction of working capital, made worse if a portion is borrowed.

A full insurance protection is needed according to the value on hand.

Insurance should vary according to the value without heavy short rate charges.

The country grain dealer gets the best service and lowest cost through the open policy of the



For particulars write at once to

C. A. McCOTTER, Sec'y

ORGANIZED SEPTEMBER 1897

### GRAIN SHIPPERS' MUTUAL FIRE INSURANCE ASSOCIATION IDA GROVE, IOWA

Insurance in force . . . . \$7,355,000.00  
Losses paid to date . . . . 448,000.00  
Saved to Policyholders over . . 250,000.00

No Premium Notes.

We write Fire, Lightning and Tornado Insurance for long or short term.  
MEMBERS' LIABILITY LIMITED. F. D. BABCOCK, Sec.

### MILLERS' NATIONAL INSURANCE COMPANY

205 La Salle St., CHICAGO, ILL.

Chartered 1865

Insurance with a maximum of security at a minimum of cost for ELEVATORS, WAREHOUSES and CONTENTS on the Mutual Plan.

Five Year Policies (or short term policies on grain, if required.)

Semi-Annual Assessments costing about one-half Stock Company rates.

NO conflagration hazard.

Gross Assets, \$5,288,714.00 Net Cash Surplus, \$930,166.99

### DUPLICATING SCALE TICKET BOOK

No. 62, is designed especially for country dealers who use scale tickets. It is a book 9x12 inches, check bound in heavy board covers. It contains 200 sheets, 100 white sheets being interleaved with 100 manila sheets. On one side of the white sheets are printed 8 scale tickets and the sheet is perforated so that each ticket can easily be removed. Each ticket is printed, ruled and spaced for the following information: Date; Bot of; Price per Cwt; Price per bu.; Driver on, Off; Gross; Tare and Net Lbs.; Net Bus.; Weigher. A sheet of carbon is placed between the white and manila sheets, so that the weigher tears out a ticket and gives to each driver, retaining a carbon copy of it. 800 tickets in each book with a rubber stamp for quickly filling in name of buyer. Price \$1.25.

Grain Dealers Journal.

255 La Salle Street - - - Chicago, Ill.



## RECEIVING AND STOCK BOOK.

**Form 321** is designed for keeping a record of each kind of grain received at a country elevator in a separate column so that the buyer by adding up columns may quickly determine the number of bushels of each kind of grain on hand. Columns are also provided for date, name, gross, tare, net lbs. price, amount paid and remarks.

The book is printed on Linen Ledger paper, well bound with leather back and corners. Each of its 160 pages is 9 x 12 inches, giving room for recording 3200 wagon loads.

Order Form 321. Price, \$1.50.

## GRAIN DEALERS JOURNAL

255 La Salle Street,  
CHICAGO, ILL.



Rope Drives Installed In \$3,000,000.00 Flouring Mill Plant of Hecker-Jones-Jewell Milling Co., New York City.

## WEBSTER

### MACHINERY FOR

Grain Elevators and Flour Mills has experience and reputation behind it. By its use materials are handled quickly, cleanly and economically.

Spiral Steel Conveyors  
"Acme" Elevator  
Buckets  
Friction Clutches

Chain Belting  
Rope Transmission  
Shafting, Pulleys  
Gearing

### Webster M'f'g Co.

Main Offices and Works: 1075-1111 W. 15th ST., CHICAGO.

88-90 Reade Street  
NEW YORK

Pennsylvania Building  
PHILADELPHIA

## WELLER Made



### ADJUSTABLE TROUGHING CARRIER WITH INDEPENDENT RETURN ROLLS

This device supersedes everything of its kind at present in use, because independent Return Rolls are furnished. The troughing rolls are adjustable to any angle and run on a hollow perforated steel shaft fitted with special compression grease caps of unusually large capacity. Bearings for the horizontal roll shafts are oscillating and are made in any desired style.

For heavy service this carrier is unequalled. Used in connection with Weller-Made belt conveyors they handle a wide range of materials with every satisfaction.

Send for 510 page Catalog.

WELLER MFG. COMPANY  
CHICAGO



### A Reason Why

It's no disgrace to "come from Missouri," but it's a reflection on you to be so prejudiced that you always "have to be shown." Common sense teaches to profit by the experience of others.

### A Day Dust Collector Reason

It saves power in operating your cleaning machine.

One of our customers who has three collectors installed in Indiana, writes under date of June 22, 1909: "Our head miller says he wouldn't have them taken out \$1,000 and go back to the old cloth machines again."

For other reasons write to the

### THE DAY COMPANY

1118-26 Yale Place

Minneapolis, Minn.